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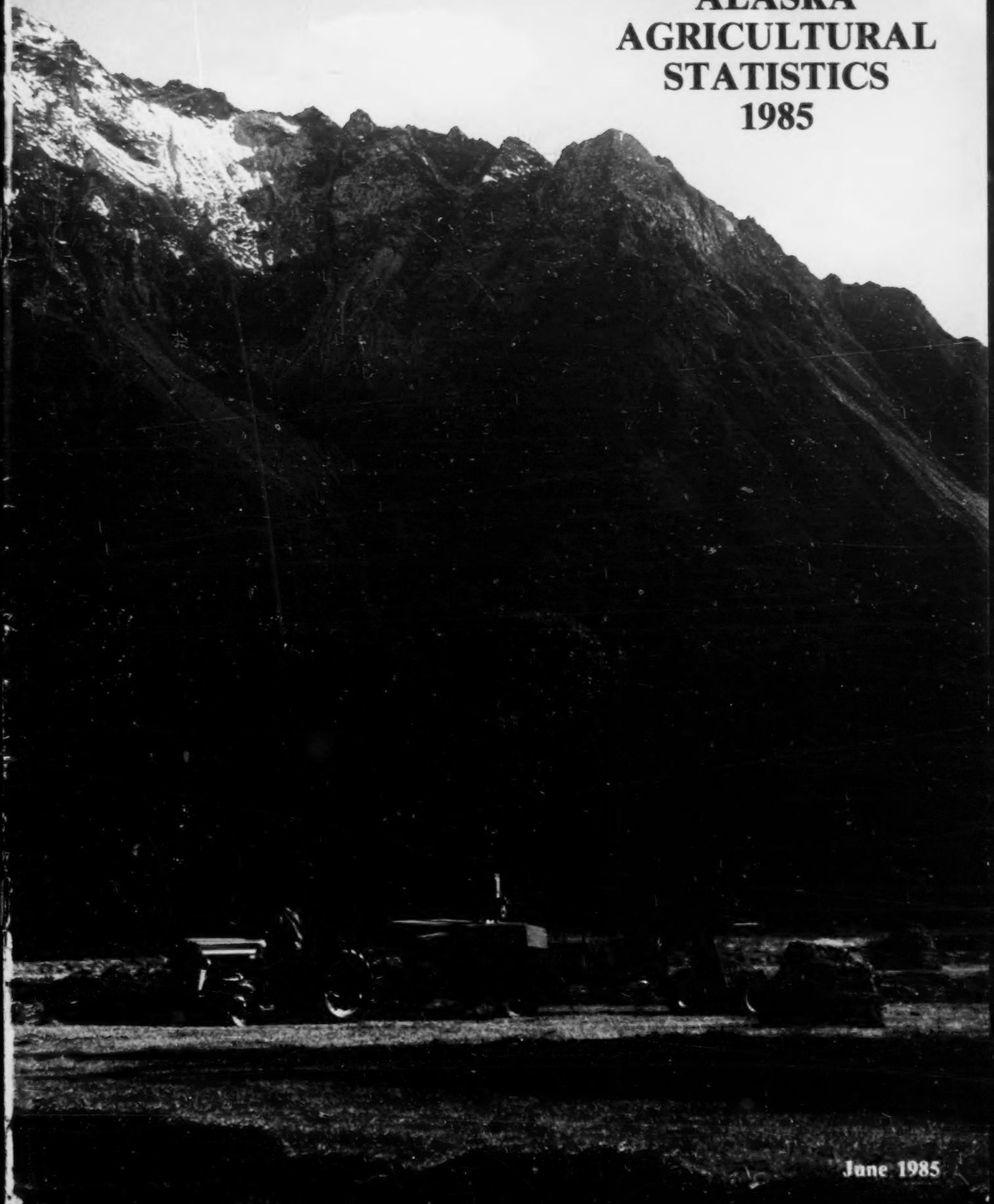
ALASKA AGRICULTURAL STATISTICS 1985



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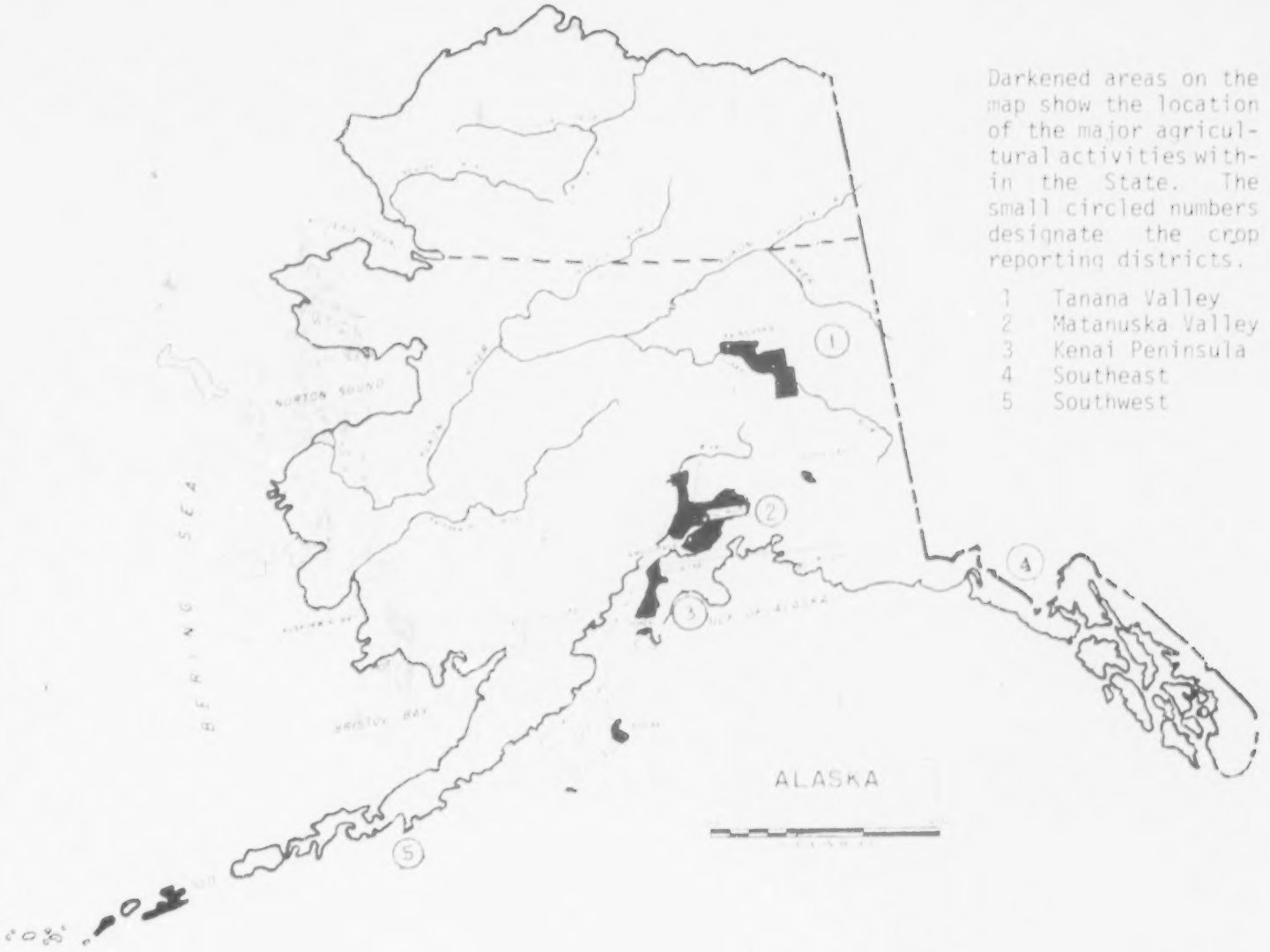

Darkened areas on the map show the location of the major agricultural activities within the State. The small circled numbers designate the crop reporting districts.

1 Tanana Valley
2 Matanuska Valley
3 Kenai Peninsula
4 Southeast
5 Southwest

ALASKA AGRICULTURAL STATISTICS
1985

COMPILED BY

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Dear Reader,

It is my pleasure to present the 1985 ALASKA AGRICULTURAL STATISTICS BULLETIN. This report is a combined effort by the US Department of Agriculture-Statistical Reporting Service, the Alaska Division of Agriculture, and the University of Alaska's Cooperative Extension Service and Agricultural and Forestry Experiment Station.

Due to the excellent weather and increased acres, 1984 was an exceptional cropping year. All time records were made in both barley and oats. Bushels of barley produced passed the half-million mark at 525,000 bushels. Bushels of oats grown in 1984 were almost three times the amount grown in 1983. Although less substantial, the agriculture industry also had increases in silage, hay, and potatoes produced in 1984. The preliminary figures indicate that cash receipts from farm products in 1984 at $25.4 million more than double the 1980 level. Crop receipts increased 140 percent during this period. This is some indication of the tremendous growth the Alaska agriculture industry has experienced in the last few years. With the increase of the agricultural land base into private ownership, I expect this growth to continue.

Special thanks go to DeLon Brown and his staff for doing an excellent job on this publication. The knowledge gained from this yearly record of Alaska's agriculture products is important not only to the producers, consumers, and wholesalers, etc, but also to the Division of Agriculture.

Good farming to all in '85!

Sincerely,

Bill L. Heim
Director

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UNITED STATES
DEPARTMENT OF AGRICULTURE
Statistical Reporting Service

FORWARD

Alaska is one-fifth the size of continental United States, is as large as Texas, California, and Montana combined (see back cover). The total land area of Alaska is approximately 375 million acres, of which 1.6 million acres are estimated as land in farms. Agriculture production is still confined to relatively small areas of the state's total acreage (see inside front cover).

Most land in farms consist of grazing land leased from the State, Native Corporations and the U.S. Government. Crops utilized 41,503 acres in 1984, the balance was left in pasture or uncleared lands. State land lotteries and sales since 1978 have placed over 151,000 acres of potential agriculture land into private ownership. A large percent of these acres were in production in 1984. Alaska has nearly 20 million acres of potential tillable farmland, plus another 18 million suitable for potential livestock grazing. Unfortunately for Agriculture, special interest groups within the Boroughs, State and at the National level keep eroding this acreage number away from agriculture each year. The number of farms in Alaska has been increasing from 360 in 1979 to 650 farms in 1984. The state population was estimated at 540,000 people in 1984.

The 1985 publication includes the latest official State Crop and Livestock statistics on Agriculture in Alaska. It continues the series of "Alaska Agriculture Statistics" started in 1960.

This issue contains estimates for the crop years 1979 to 1984; Hog and Poultry estimates for December 1, 1979 to 1984; and Cattle and Sheep numbers for January 1, 1980 to 1985. The estimates for 1984 are preliminary. Revisions made in this publication were based on our 1982 census of agriculture or new information made available since the original estimates were prepared. Also included are pertinent historical estimates on the State level for comparison purposes. Estimates in this publication were developed from the monthly, quarterly and annual surveys conducted each year by this office. The Alaska survey response continues to be excellent and I want to express my sincere "THANKS" to the many farmers, ranchers, and agri-businessmen who helped by providing basic data about the State's agriculture. Be assured we have kept our pledge of confidentiality on the reported data. I would also like to thank the other Federal, State, and University Offices for their continued support.

DELON A. BROWN
Statistician in Charge

ALASKA FARM NUMBERS AND LAND IN FARMS — (Selected Years) 1960-1984

YEAR	LAND IN FARMS	TOTAL ALL FARMS	NUMBER OF FARMS				
			CATTLE	MILK COW	CHICKEN	HOGS	SHEEP
	(000 ACRES)						
1960	1,635	420	220	140	NA	NA	NA
1965	1,900	370	190	110	80	30	10
1970	1,710	320	160	90	70	40	20
1975 1/	1,670	300	140	60	80	40	10
1976	1,670	310	140	60	80	40	10
1977	1,670	330	140	60	80	40	10
1978	1,600	350	140	60	90	50	20
1979	1,500	400	150	60	90	50	20
1980	1,520	450	160	60	100	60	20
1981	1,520	500	190	60	100	70	20
1982	1,530	550	210	70	100	80	20
1983	1,540	600	210	70	110	70	30
1984 2/	**1,560**	**650**	**220**	**70**	**120**	**70**	**30**

1/ From 1975 to Present farm redefined: Farms and ranches with annual sales of $1,000 or more.
2/ Preliminary.
NA - Not Available.

ALASKA AGRICULTURAL COMMODITIES PRODUCED — (Selected Years)

Commodity		1960	1965	1970	1975	1980	1984
				Thousand Units			
				CROP PRODUCTION			
OATS							
FOR GRAIN	Bu.	79.8	42.0	22.5	16.8	26.1	**112.2**
BARLEY							
FOR GRAIN	Bu.	87.4	67.2	46.5	70.0	339.0	**525.0**
ALL SILAGE	Tons	20.2	21.7	13.6	15.2	12.4	**21.3**
GRAIN SILAGE	Tons	15.8	17.7	7.4	4.8	4.7	**14.7**
GRASS SILAGE	Tons	4.4	4.0	6.2	10.4	7.7	**6.6**
ALL HAY	Tons	10.5	8.8	9.4	21.4	15.0	**23.4**
GRAIN HAY	Tons	2.5	2.2	1.5	7.1	2.7	**4.4**
GRASS HAY	Tons	8.0	6.6	7.9	14.3	12.3	**19.0**
POTATOES	Cwt.	131.4	131.0	106.8	108.7	77.0	**122.0**
CABBAGE	Cwt. 1/	3.6	3.0	3.5	3.0	4.1	**8.2**
LETTUCE	Cwt. 1/	6.2	6.5	7.9	9.5	11.2	**35.5**
CARROTS	Cwt.	7.6	2.9	1.5	2.0	3.3	**2.8**
OTHER VEGETABLES	Cwt.	2.8	2.1	3.0	1.8	4.6	**7.3**
				LIVESTOCK AND POULTRY PRODUCTION			
EGGS	Doz.	529.8	766.7	408.0	417.0	375.0	**1,133.0**
POULTRY	Lbs.	55.0	89.0	73.0	167.0	161.0	**206.0**
BEEF	Lbs.	357.0	824.0	963.0	664.0	767.0	**1,269.0**
PORK	Lbs.	151.0	205.0	135.0	150.0	232.0	**497.0**
MUTTON	Lbs.	12.0	28.0	52.0	30.0	18.0	**29.0**
WOOL	Lbs.	125.0	209.0	239.0	67.0	35.0	**18.0**
REINDEER	Lbs.	450.0	637.0	615.0	345.0	NA	**290.0**
				Million Units			
MILK	Lbs.	20.4	20.7	18.6	16.8	12.5	**13.9**

1/ 1984 Units in cartons. 2/ Head lettuce only.

ALASKA LIVESTOCK AND POULTRY ON FARMS (By Class) — (Selected Years)

CLASS	Jan. 1 1961	Jan. 1 1965	Jan. 1 1970	Jan. 1 1975	Jan. 1 1980	Jan.1 1985
			Thousand Head			
ALL CATTLE AND CALVES	7.3	8.3	8.7	9.7	8.4	9.5
Beef Cows	1.4	2.0	2.6	2.8	2.5	2.9
Milk Cows	2.8	2.6	1.8	1.6	1.1	1.3
Heifers 500 Pounds+	1.0	1.2	1.1	1.2	1.2	1.3
Beef Cow Replacement	.4	.5	.6	.6	.7	.7
Milk Cow Replacement	.6	.7	.5	.6	.5	.6
Steers 500 Pounds +	.6	.7	.8	.6	.4	.5
Bulls 500 Pounds +	.2	.2	.5	1.0	1.2	1.2
Calves Under 500 Pounds	1.3	1.6	2.0	2.5	1.9	2.2
ALL SHEEP AND LAMBS	15.0	20.0	27.0	12.4	4.3	2.9
Lambs	4.0	4.0	5.0	2.0	.7	.4
Ewes 1 Year +	6.0	9.0	11.0	6.0	2.3	1.5
Wethers and Rams 1 Year	5.0	7.0	11.0	4.4	1.3	1.0
	Jan. 1 1961	Jan. 1 1965	Dec. 1 1969	Dec. 1 1974	Dec. 1 1979	Dec. 1 1984
			Thousand Head			
ALL HOGS AND PIGS	1.0	1.4	1.1	1.2	1.1	2.4
Slaughter Hogs & Pigs	NA	1.1	.9	.9	.8	2.0
Breeding Hogs	NA	.3	.2	.3	.3	.4
ALL CHICKENS	42.0	39.0	30.0	30.0	26.0	68.0
HPLA	41.0	38.0	28.0	29.0	24.0	60.0
Other Chickens	1.0	1.0	2.0	1.0	2.0	8.0

NA - Not Available

ALASKA VALUE OF PRODUCTION BY AREAS 1/ — 1979-84

YEAR	TANANA VALLEY	MATANUSKA VALLEY	KENAI PENIN.	SOUTH-EAST	SOUTH-WEST	STATE TOTAL
			Dollars			
			CROPS			
1979	1,282,000	3,460,000	286,000	-	22,000	5,050,000
1980	1,927,500	3,501,000	373,000	-	60,000	5,861,500
1981	2,608,600	4,435,400	438,030	-	16,000	7,498,000
1982	2,909,200	3,385,800	526,000	-	25,000	6,846,000
1983	2,951,000	5,100,000	668,000	-	25,000	8,744,000
1984	**3,588,000**	**5,396,000**	**665,000**	**-**	**17,000**	**9,660,000**
			LIVESTOCK AND POULTRY			
1979	494,500	3,072,400	197,100	21,600	316,400	4,102,000
1980	357,500	2,970,700	235,500	16,100	259,200	3,869,000
1981	634,100	3,258,800	399,300	19,300	351,500	4,663,000
1982	883,700	3,822,400	596,500	18,300	421,100	5,742,000
1983	1,016,700	4,428,900	937,500	25,200	230,700	6,639,000
1984	**971,000**	**4,202,400**	**1,024,200**	**31,700**	**333,700**	**6,563,000**
			TOTAL			
1979	1,776,500	6,532,400	483,100	21,600	338,400	9,152,000
1980	2,285,000	6,471,700	608,500	16,100	349,200	9,730,500
1981	3,242,700	7,694,200	837,300	19,300	367,500	12,161,000
1982	3,792,900	7,208,200	1,122,500	18,300	446,100	12,588,000
1983	3,967,700	9,528,900	1,605,500	25,200	255,700	15,383,000
1984	**4,559,000**	**9,598,400**	**1,689,200**	**31,700**	**350,700**	**16,223,000**

1/Includes only crop and livestock values for commodities in this bulletin except reindeer.

ALASKA FARM COMMODITY CASH RECEIPTS — (Selected Years) 1976-84

ITEM	1976	1978	1980	1983	1984 1/
	- - - - - - - - - thousand dollars - - - - - - - - -				
TOTAL ALL COMMODITIES	10,160	11,524	11,791	21,858	25,411
Total Livestock Products	4,383	4,240	4,119	7,384	7,037
All Meat Animals	498	668	494	1,193	994
Cattle & Calves	403	435	268	333	513
Sheep and Lambs	4	11	5	9	12
Hogs and Pigs	91	222	221	851	469
All Dairy Products	2,725	2,463	2,118	2,900	2,777
Milk Wholesale	2,578	2,370	1,978	2,802	2,680
Milk Retail	147	93	140	98	97
All Poultry & Eggs	564	431	433	1,533	1,383
Poultry	11	12	11	16	44
Eggs	553	419	422	1,517	1,339
All Miscellaneous Livestock	596	678	1,074	1,758	1,883
Wool	45	21	25	12	18
Other Livestock 2/	551	657	1,049	1,746	1,865
Total All Crops	5,777	7,284	7,672	14,474	18,374
All Feed Crops	1,751	1,862	1,853	3,088	3,868
Barley	217	496	885	1,059	1,386
Hay	1,513	1,326	952	1,950	2,240
Oats	21	40	16	79	242
All Vegetables	1,296	1,247	1,725	2,392	2,583
Potatoes	870	736	1,137	1,601	1,805
Miscellaneous Vegetables	426	511	588	791	778
All Other Crops 3/	2,730	4,175	4,094	8,994	11,923

1/ Preliminary. 2/ Includes equine, goats, honey, mink, fox, rabbits, reindeer and other livestock and products. 3/ Includes forest products, berries, greenhouse, nursery, seed and other field crops not mentioned above.

SOURCE: ECIFS-3-4

ALASKA FERTILIZER CONSUMPTION (Tons) — 1983-84

	1983	1984 1/		1983	1984 1/
				Tons	
NITROGEN:			COMPLETED FORMULAS (CONT'D):		
Ammoniun Nitrate	550	590	20-10-10	200	185
Urea	1860	2700	20-10-17	--	105
Ammonium Sulfate	190	150	20-10-20	--	140
			20-20-10	260	820
PHOSPHATE:			20-20-15	--	170
Treble Super Phosphate	470	20	20-22-10	85	--
Ammoniated Phosphate	--	370	21-7-14	30	25
			22-4-4	110	90
POTASH:			22-11-11	760	980
Muriate of Potash	430	20	22-11-21	70	--
Other Potash	--	110	23.5-7-14	--	95
			23.5-10-17	30	--
TOTAL MATERIAL	3500	3960	24-10-18	105	--
			24-12-12	--	300
COMPLETE FORMULAS:			25-17-13	80	--
2-30-24	--	85	26-13-13	--	200
6-26-26	--	70	26-23-0	140	--
6-31-23	--	90	27-18-9	40	--
7-30-24	--	110	28-14-7	--	80
7-34-15	200	60	28-16-8	50	--
8-28-21	30	--	28-16-16	100	--
8-32-15	60	--	28.5-15.6-6	30	--
8-32-16	890	1420	29-0-22	160	--
8-39-13	--	360	30-11-11	--	60
9-19-9	25	--	31-17-20	40	--
10-10-40	--	30	31-24-13	--	310
10-20-10	90	55	31-25-10	--	55
10-20-20	500	415	32-8-12	140	--
10-25-15	--	75	32-21-0	--	140
10-45-7	490	--			
12-24-24	45	--	Misc. 2/	240	95
12-45-8	55	--			
14-30-14	--	35			
16-14-27	--	160	TOTAL MIX	5710	9605
16-16-16	300	2230			
17-17-17	30	220	TOTAL ALL		
18-18-18	120	140	FERTILIZER	9210	13565
18-24-6	85	--			
18-46-0	120	200	LIME	950	680

1/ Preliminary. 2/ Includes complete formulas of less than 20 tons.

ALASKA CONSUMPTION OF FERTILIZER AND PLANT NUTRIENTS — 1979-84

Year Ended June 30	KIND OF FERTILIZER: Mixed Fertilizer	Primary Nutrient Material	Secondary and Micro-Nutrient	Total Fertilizer
	(Tons)	(Tons)		(Tons)
1979	3,605	1,655	0	5,260
1980	6,445	2,155	0	8,600
1981	5,005	4,055	0	9,060
1982	4,360	9,425	0	13,785
1983	5,710	3,500	0	9,210
1984	**9,605**	**3,960**	**0**	**13,565**

ALASKA GROSS AND NET INCOME FROM FARMING — (Selected Years) 1/

ITEM	1960	1965	1970	1975 2/	1980 2/	**1983 2/**
	million dollars					
REALIZED GROSS FARM INCOME						
Receipts from Farm Marketings	4.2	4.3	4.7	9.5	11.8	**21.9**
Government Payments	.1	.1	.1	.1	.2	**.2**
Non-Money Income	.5	.4	.6	.9	2.3	**2.9**
Other Farm Income	3/	.1	3/	.2	.3	**.3**
TOTAL	4.8	5.0	5.5	10.7	14.7	**25.3**
FARM PRODUCTION EXPENSES	3.9	4.7	4.1	7.1	13.7	**20.4**
NET FARM INCOME 4/						
Before Inventory Adjustment	.8	.3	1.4	3.6	.9	**4.8**
Inventory Adjustment	.6	.1	-.1	-.6	.2	**.4**
After Inventory	1.5	.4	1.3	3.0	1.1	**5.2**
INCOME PER FARM						
Realized Gross (dollars)	11,355	13,441	17,063	35,593	32,556	**36,717**
Realized Net (dollars)	2,000	735	4,366	12,037	2,073	**2,750**
Total Net (dollars)	3,469	1,003	3,991	10,083	2,500	**3,380**

1/ Details may not add to totals due to rounding. 2/ Based on the 1974 Census of Agriculture definition of a farm which is a farm with sales of $1,000 or more. 3/ Less than $50,000. 4/ of Farm operators.

SOURCE: ERS, USDA, ECIFS-3-4.

ALASKA FARM PRODUCTION EXPENSES — (Selected Years)

ITEM	1960	1965	1970	1975	1980	1983
	million dollars					
CURRENT FARM OPERATING EXPENSES:						
Feed	.8	1.1	.9	1.1	1.2	2.2
Livestock	6/	.1	6/	6/	.4	.1
Seed 1/	.1	.1	.1	.2	.3	.4
Fertilizer & Lime	.6	.5	.4	.8	1.7	1.7
Repairs & Operations of Capital Items 2/	.5	.6	.6	.8	1.9	2.1
Hired Labor 3/	.5	.6	.5	.9	2.8	3.0
Miscellaneous 4/	.2	.3	.5	.7	1.3	5.3
TOTAL CURRENT EXPENSES	2.8	3.2	2.9	4.5	9.6	14.8
Depreciation & Other Capital Consumption 5/	.5	.6	.7	.8	2.2	2.7
Taxes on Real Property	.3	.3	.3	.8	.5	.5
Interest on Farm Mortgage Debt	.2	.4	.4	.4	1.6	2.6
Net Rent to Non-Operator Landlords	.1	.1	6/	.1	-.2	-.3
TOTAL PRODUCTION EXPENSES	3.8	4.6	4.4	6.7	13.7	20.4

1/ Includes bulbs, plants and trees. 2/ Repairs & maintenance of buildings; repairs and operation of motor vehicles and other machinery, and petroleum fuel and oil used in the farm business. 3/ Includes cash wages, prequisites, and social security taxes paid by employers. 4/ Includes short term interest, pesticides, electricity and telephone (business share); livestock marketing services (excluding feed and transportation), containers, milk hauling, irrigation, grazing fees, harness and saddlery, blacksmithing and hardware; veternarian services and medicines; net insurance premiums (crop, fire, wind and hail); machine hire and custom work and miscellaneous supplies for dairy, nursery, greenhouse, poultry, small hand tools, and other. 5/ Includes depreciation and accidental damage to farm buildings and depreciation of motor vehicles and other farm machinery and equipment. 6/ Less than $50,000.

SOURCE: ERS, USDA, ECIFS-3-4

CIVILIAN PER CAPITAL CONSUMPTION OF MAJOR FOOD COMMODITIES (pounds) — U.S.

COMMODITY	1960	1970	1975	1980	1982 1/
MEATS	160.9	192.3	180.3	180.2	170.8
Beef	85.1	113.5	118.8	103.4	104.4
Veal	6.1	2.9	4.1	1.8	2.0
Lamb & Mutton	4.8	3.2	2.0	1.5	1.7
Pork	64.9	72.6	55.4	73.5	62.7
FISH	13.2	15.8	16.4	16.9	16.4
POULTRY PRODUCTS:					
Eggs	42.4	39.1	35.2	34.6	33.8
Chicken (Ready-To-Cook)	28.0	40.4	40.1	50.1	53.2
Turkey (Ready-To-Cook)	6.1	8.0	8.5	10.5	10.8
DAIRY PRODUCTS:					
Cheese	8.3	11.5	14.3	17.6	20.0
Fluid milk & Cream	322	263	243	227	216
Ice Cream	18.3	17.6	18.5	17.3	17.5
FATS AND OILS (TOTAL FAT CONTENT)	48.6	52.6	52.3	55.9	56.1
Butter (actual weight)	7.5	5.4	4.7	4.4	4.5
Margarine (actual weight)	9.4	10.8	11.0	11.3	11.1
Shortening	12.6	57.3	17.0	18.3	18.8
Other Edible fats and oils	11.5	19.1	19.6	21.9	21.7
FRUITS					
Fresh:	93.4	80.1	84.9	89.8	85.7
Citrus	33.7	28.8	29.4	28.9	24.8
Non-citrus	59.7	51.3	55.5	60.9	60.9
Processed:					
Canned Fruit	23.0	23.7	19.2	17.6	13.2
Canned juice	15.1	19.2	20.2	22.6	17.3
Frozen	9.1	9.9	14.1	13.0	13.6
Dried	3.1	2.7	2.9	2.4	2.7
VEGETABLES					
Fresh	105.7	99.1	98.0	107.1	109.4
Canned	43.4	51.1	51.9	48.5	45.0
Frozen	7.0	9.6	9.6	10.4	10.7
Potatoes	97.7	82.0	81.1	84.4	79.3
GRAINS:					
Wheat Flour	118.0	111.0	114.0	117.0	114.0
Rice	6.1	6.7	7.6	9.4	11.8
OTHER:					
Coffee, Tea & Cocoa	15.1	14.2	12.6	11.2	11.3
Refined Sugar	97.3	101.7	89.1	86.3	75.3

1/ Preliminary SOURCE: USDA, Agricultural Statistics, 1983

ALASKA'S 1984 CROP SEASON

MATANUSKA VALLEY: Cool and wet conditions kept field activity at a minimum until early May. However, by mid-May warm, sunny weather had allowed farmers to catch up and progress ahead of schedule. Small grain seeding and potato planting was nearing completion by June 1 in the Matanuska Valley while seeding in Pt. MacKenzie and Susitna Valley wasn't finished until early June. Timely rains and warm sunshine provided good emergence and moderate or better crop growth. Soil temperatures were generally warmer than in 1982 and 1983. Hay harvest started on some farms by mid-June and most growers made excellent progress, taking advantage of the nearly ideal haying conditions. Harvest was over 50 percent complete by July 1. Planted crops continued to make excellent growth. The season's first commercial radishes and lettuce were available for market by early July, several days ahead of normal. Showers plagued hay making the last half of July with harvest only 80 percent finished by August 1. Growth of second cutting was excellent. Dairymen were harvesting mixed grains and grass hay for silage in early August. Showers and cooler temperatures in August slowed crop maturity. Vegetable supplies were plentiful from mid-July throughout most of September. Early potato harvest was delayed by size and wet conditions. Scattered heavy frost begining on the morning of August 27th stopped growth of tender vegetables and potatoes in most areas. Farmers took advantage of the excellent harvest conditions during September and October. Harvest of small grains, potatoes and second cutting hay was virtually complete by October 1. Most growers finished fall tilling and moved hay supplies during October.

TANANA VALLEY: Main field activity started in early May and with nearly ideal seeding conditions throughout the month. Farmers were able to keep ahead of schedule during the entire planting season in most areas. Extremely heavy rains in the Salcha area during May kept nearly all planting at a standstill until early June. Elsewhere in the Valley, showers in late May and early June provided adequate moisture for small grain emergence and first crop hay. Crops made excellent growth during June but by early July, maturity had slowed to slightly behind the 1983 level. First cutting hay started during the third week of June and progressed rapidly until early July when rains hampered the drying process. Shower activity continued throughout much of July and early August which caused losses to fields of hay that had already been cut down, but allowed ample moisture for small grain growth. Barley swathing started as weather permitted during mid-August but was generally delayed until September. Heavy frost occurred over much of the Valley on September 1 and 2. Harvest of potatoes, small grains and second crop hay made excellent progress during September as ideal harvesting weather and conditions prevailed. Barley harvest was 99 percent complete by October 1 and potato digging and second crop haying was in the wind-up stage.

KENAI PENINSULA: Seasonal fieldwork started in some areas during mid-May. Crop growth was generally moderate and condition was average. Dry conditions during late June and early July slowed crop growth. Haying became active in early to mid-July. Shower activity limited progress in late July and August. Hay harvest was nearly complete by September 1. Light frosts in late August and early September hastened garden harvest. Ideal September weather allowed farmers to finish harvesting and get caught up.

ALASKA CLIMATE OF THE PRINCIPAL AGRICULTURAL AREAS (at a glance)

AREA	EXTREMES		AVERAGES FOR THE GROWING SEASON ONLY					
	HIGH °F	LOW °F	START DATE 1/	NUMBER DAYS 1/	MAX. °F	MIN. °F	RAIN INCHES	DAYLIGHT HOURS 2/
TANANA VALLEY								
Fairbanks	96	-66	6/2	84	61	44	7	9-21
Big Delta	92	-63	6/5	81	59	44	9	10-20
Clearwater	93	-72	6/6	39	59	44	10	10-20
MATANUSKA AREA								
Anchorage	86	-38	5/27	102	58	48	9	8-19
Palmer	90	-35	6/4	89	58	48	11	9-19
Matanuska	91	-41	6/6	83	58	48	10	9-19
Wasilla	90	-38	6/6	85	59	49	10	9-19
KENAI PENINSULA								
Homer	81	-17	6/12	94	52	47	10	8-17
Kenai	87	-48	6/17	72	61	45	6	7-17
OTHER AREAS								
Kodiak	86	-8	6/2	110	54	50	33	5-15
Kenny Lake	88	-57	6/6	18	57	45	9	9-19

1/ Based on temperatures of 40 degrees and above.

2/ The first value is average actual hours of daylight; the second figure gives the possible hours of daylight.

ALASKA CROP SUMMARY

BARLEY was planted on 17,500 acres in 1984, 1,500 acres more than in 1983. Growers harvested 15,300 acres of which 15,000 acres were harvested for grain. Production of BARLEY FOR GRAIN was a record 525,000 bushels, 156,000 bushels above 1983. Yield averaged 35.0 bushels per acre. The 1984 crop value, at $1,575,000 was $357,000 above the 1983 level.

OAT growers planted 8,500 acres of oats, 5,400 acres more than 1983. Growers harvested 8,200 acres, 5,600 above last year's level. Most of the oat acreage was harvested for hay and silage in 1984.

OATS FOR GRAIN was harvested from 1,700 acres, up 1,100 acres from 1983. Production at a record 112,200 bushels was nearly 3 times higher than the 1983 production. The State's yield averaged 66.0 bushels per acre. Value of the 1984 crop at $275,000 compares with $113,000 the previous year.

MIXED GRAINS for hay and silage were harvested from 800 acres, unchanged from 1983. Production is included with hay and silage data.

ALL HAY production of 23,400 tons was 1,700 tons above the 1983 production and the largest crop on record. The State average yield at 1.50 tons per acre, compares with 1.38 tons per acre in 1983. The 1984 crop was harvested from 15,600 acres, down from 15,700 acres a year earlier. Production value of all hay at $3,744,000 was down $162,000 from the previous year.

GRASS HAY was harvested from 12,600 acres, 3,000 less than in 1983. Production of 19,000 tons of grass hay was 1,900 tons above the 1983 level. Seeded grass hay-brome, timothy, etc. is harvested mostly in the Tanana and Matanuska Valleys. Native grasses still make up a part of the Kenai Peninsula hay production.

GRAIN HAY, mostly oat hay was harvested from 3,000 acres, up 200 acres from the previous year. Production totaled 4,400 tons, compared with 4,600 tons in 1983.

ALL SILAGE production of 21,300 tons was up 7,500 tons from the previous year. A total of 5,800 acres of silage was harvested, up 3,800 acres from 1983. GRASS SILAGE was harvested from 1,200 acres and produced 6,600 tons. GRAIN SILAGE produced 14,700 tons from 4,600 acres. Silage is produced mainly by Grade A dairies included in the Matanuska Valley. Production value of all silage at $942,000 was $322,000 more than a year ago.

POTATO production of 122,000 cwt. was harvested from 550 acres, compared with 118,000 cwt. in 1983. Value of production at $2,318,000 was $265,000 above the 1983 crop.

VEGETABLES were harvested from 301 acres, 14 acres more than in 1983. Value of all vegetables produced, excluding greenhouse vegetables was $812,000 compared with $834,000 in 1983. HEAD LETTUCE production of 35,500 cartons was harvested from 120 acres in 1984. Other types of lettuce are included in other vegetables. An annual average carton weight for head lettuce in Alaska was 49 pounds in 1984 and 51 pounds in 1983. CABBAGE production of 8,200 cartons were produced on 40 acres in 1984. An annual average carton weight for cabbage in Alaska was 54 pounds in 1984 and 55 pounds in 1983.

CARROT production totaled 2,800 cwt., 500 cwt. above 1983. Acres harvested at 25 was up from 22 a year ago. OTHER VEGETABLES were harvested from 116 acres, 3 acres more than the previous year.

ALASKA CROPS: RECORD ACREAGE, YIELD AND PRODUCTION — 1960-84

CROP	RECORD	HARV. ACREAGE	YEAR	YIELD PER ACRE	YEAR	PRODUCTION	YEAR
OATS FOR GRAIN (Bu.)	High	**1,700**	**1984**	80.0	1966	**112,200**	**1984**
	Low	200	1971	25.0	1974	10,000	1974
BARLEY FOR GRAIN (Bu.)	High	**15,000**	**1984**	51.5	1976	**525,000**	**1984**
	Low	1,100	1974	14.5	1971	30,000	1969
GRAIN HAY (Ton)	High	3,600	1975	1.97	1975	7,100	1975
	Low	900	1968	.91	1969	1,000	1969
GRASS HAY (Ton)	High	12,900	1983	1.68	1977	**19,000**	**1984**
	Low	5,000	1960	.90	1971	4,600	1971
ALL HAY (Ton)	High	15,700	1983	1.67	1978	**23,400**	**1984**
	Low	6,900	1960 1/	.95	1969	7,200	1971
GRAIN SILAGE (Ton)	High	**4,600**	**1984**	6.71	1982	25,500	1963
	Low	700	1982	2.47	1980	3,900	1977
GRASS SILAGE (Ton)	High	2,600	1962	8.00	1983	10,400	1975
	Low	1,000	1983	2.86	1966	4,000	1966 2/
ALL SILAGE (Ton)	High	6,600	1963	6.90	1983	32,100	1963
	Low	1,800	1982	3.40	1969	10,000	1982
POTATOES (Cwt.)	High	780	1965	227	1983	146,300	1961
	Low	460	1980 3/	115	1969	71,300	1969

1/ Equals 1966. 2/ Equals 1965. 3/ Equals 1979.

ALASKA CROPLAND UTILIZATION — 1979 1/

CROPS	TANANA VALLEY	MATANUSKA VALLEY	KENAI PENIN.	SOUTH-WEST	STATE TOTAL
	Acres				
PLANTED AREA					
COMMERCIAL VEGETABLES					
Potatoes	120	340	20	-	480
Lettuce	17	93	-	-	110
Cabbage	8	25	-	-	33
Carrots	6	22	-	-	28
Other Vegetables	20	61	-	-	81
FEED CROPS					
All Oats	400	500	300	-	1,200
All Barley	4,400	2,050	50	-	6,500
Grain Mixtures	100	400	-	-	500
GRASSLAND HARVESTED					
Grass	2,600	7,600	1,100	200	11,500
TOTAL LAND IN CROPS	7,671	11,091	1,470	200	20,432
Percent of State Total	37.5	54.3	7.2	1.0	100
HARVESTED AREA					
COMMERCIAL VEGETABLES					
Potatoes	110	330	20	-	460
Lettuce	13	77	-	-	90
Cabbage	7	23	-	-	30
Carrots	5	20	-	-	25
Other Vegetables	17	58	-	-	75
FEED CROPS					
Oats-All Purposes	350	450	300	-	1,100
Barley-All Purposes	4,180	1,970	50	-	6,200
Grain Mixtures	100	400	-	-	500
Grass	2,600	7,600	1,100	200	11,500
FEED CROP UTILIZATION					
GRAIN					
Oats	150	150	-	-	300
Barley	4,080	1,720	-	-	5,800
HAY					
Grain	400	300	300	-	1,000
Grass	2,600	5,900	1,100	200	9,800
SILAGE					
Grain	-	650	50	-	700
Grass	-	1,700	-	-	1,700

1/ Dash indicates no crop produced or combined with other areas.

ALASKA CROPLAND UTILIZATION — 1984 1/

CROPS	TANANA VALLEY	MATANUSKA VALLEY	KENAI PENIN	SOUTH-WEST	STATE TOTAL
	Acres				
	PLANTED AREA				
COMMERCIAL VEGETABLES					
Potatoes	80	455	25	-	560
Lettuce	27	111	-	-	138
Cabbage	10	35	-	-	45
Carrots	5	22	-	-	27
Other Vegetables	20	113	-	-	133
FEED CROPS					
All Oats	3,400	4,900	200	-	8,500
All Barley	16,700	700	100	-	17,500
Grain Mixtures	100	700	-	-	800
GRASSLAND HARVESTED					
Grass	5,300	5,800	2,600	100	13,800
TOTAL LAND IN CROPS	25,642	12,836	2,925	100	41,503
Percent of State Total	61.8	30.9	7.1	.2	100
	HARVESTED AREA				
COMMERCIAL VEGETABLES					
Potatoes	75	455	20	-	550
Lettuce	21	99	-	-	120
Cabbage	9	31	-	-	40
Carrots	5	20	-	-	25
Other Vegetables	17	99	-	-	116
FEED CROPS					
Oats-All Purposes	3,300	4,700	200	-	8,200
Barley-All Purposes	14,600	700	-	-	15,300
Grain Mixtures	100	700	-	-	800
Grass	5,300	5,800	2,600	100	13,800
	FEED CROP UTILIZATION				
GRAIN					
Oats	1,500	200	-	-	1,700
Barley	14,500	500	-	-	15,000
HAY					
Grain	2,000	800	200	-	3,000
Grass	5,000	4,900	2,600	100	12,600
SILAGE					
Grain	-	4,600	-	-	4,600
Grass	300	900	-	-	1,200

1/ Dash indicates no crop produced or combined with other areas.

ALASKA BARLEY — 1979-84

District	Year	Area Planted	AREA HARVESTED FOR GRAIN			
			Acres	Yield	Production	
		Acres		Bu.	Bu.	$ Value
					(000)	(000)
	1979	4,400	4,080	45.6	186.0	536.0
	1980	12,500	10,600	29.2	309.6	904.0
	1981	15,600	7,800	32.9	224.0	899.0
Tanana Valley	1982	7,700	7,250	42.5	308.0	1,100.0
	1983	15,200	11,450	30.5	349.0	1,150.0
	1984	**16,700**	**14,500**	**34.5**	**500.0**	**1,500.0**
	1979	2,050	1,720	58.7	101.0	325.0
	1980	1,400	900	32.7	29.4	113.0
	1981	900	700	38.6	27.0	130.0
Matanuska Valley	1982	600	250	28.0	7.0	34.0
	1983	800	450	44.0	20.0	68.0
	1984	**700**	**500**	**50.0**	**25.0**	**75.0**
	1979	50	-	-	-	-
	1980	100	-	-	-	-
	1981	-	-	-	-	-
Kenai Peninsula 1/	1982	200	-	-	-	-
	1983	-	-	-	-	-
	1984	**100**	**-**	**-**	**-**	**-**
	1979	6,500	5,800	49.5	287.0	861.0
	1980	14,000	11,500	29.5	339.0	1,017.0
	1981	16,500	8,500	29.5	251.0	1,029.0
STATE TOTAL	1982	8,500	7,500	42.0	315.0	1,134.0
	1983	16,000	11,900	31.0	369.0	1,218.0
	1984	**17,500**	**15,000**	**35.0**	**525.0**	**1,575.0**

1/ Dash indicates no crop produced or combined with other areas.

ALASKA OATS — 1979-84

District	Year	Area Planted	AREA HARVESTED FOR GRAIN			
			Acres	Yield	Production	
		Acres		Bu.	Bu.	$ Value
					(000)	(000)
Tanana Valley	1979	400	150	54.0	8.1	19.0
	1980	2,100	450	42.9	19.3	52.0
	1981	5,100	300	47.5	14.3	39.0
	1982	2,300	550	53.0	29.2	144.0
	1983	1,900	450	63.0	28.4	78.0
	1984	**3,400**	**1,500**	**67.0**	**100.5**	**239.0**
Matanuska Valley	1979	500	150	50.0	7.5	22.0
	1980	600	150	45.3	6.8	29.0
	1981	600	200	37.0	7.4	26.0
	1982	500	50	40.0	2.0	12.0
	1983	800	150	60.5	9.1	35.0
	1984	**4,900**	**200**	**58.5**	**11.7**	**30.0**
Kenai Peninsula 1/	1979	300	-	-	-	-
	1980	400	-	-	-	-
	1981	300	-	-	-	-
	1982	400	-	-	-	-
	1983	400	-	-	-	-
	1984	**200**	**-**	**-**	**-**	**-**
STATE TOTAL	1979	1,200	300	52.0	15.6	41.0
	1980	3,100	600	43.5	26.1	81.0
	1981	6,000	500	43.5	21.7	65.0
	1982	3,200	600	52.0	31.2	156.0
	1983	3,100	600	62.5	37.5	113.0
	1984	**8,500**	**1,700**	**66.0**	**112.2**	**269.0**

1/ Includes Southwest. Dash indicates no crop or combined with other areas.

ALASKA GRAIN AND GRASS HAY — 1979-84

District	Year	Area Harvested Acres	Production Tons	Production $ Value (000)	Area Harvested Acres	Production Tons	Production $ Value (000)
		GRAIN HAY 1/			GRASS HAY		
	1979	400	700	88.0	2,600	2,400	292.0
	1980	1,800	2,000	270.0	3,100	2,200	310.0
	1981	2,600	4,900	733.0	3,600	3,700	584.0
Tanana Valley	1982	1,500	1,900	333.0	4,200	5,000	900.0
	1983	1,600	2,600	370.0	5,400	6,500	1,040.0
	1984	**2,000**	**2,800**	**414.0**	**5,000**	**6,700**	**1,000.0**
	1979	300	600	84.0	5,900	10,100	1,336.0
	1980	450	500	66.0	5,800	7,900	1,094.0
	1981	300	300	46.0	5,900	9,300	1,549.0
Matanuska Valley	1982	300	300	59.0	4,500	4,400	903.0
	1983	900	1,600	300.0	4,800	7,700	1,543.0
	1984	**800**	**1,300**	**215.0**	**4,900**	**8,800**	**1,482.0**
	1979	300	300	41.0	1,100	1,500	191.0
	1980	150	200	25.0	1,300	1,800	275.0
	1981	300	300	47.0	1,600	1,600	257.0
Kenai Peninsula	1982	400	300	57.0	2,100	2,300	440.0
	1983	300	400	76.0	2,600	2,800	552.0
	1984	**200**	**300**	**46.0**	**2,600**	**3,400**	**570.0**
	1979	-	-	-	200	200	22.0
	1980	-	-	-	200	400	60.0
	1981	-	-	-	100	100	16.0
Southwest 2/	1982	-	-	-	100	100	25.0
	1983	-	-	-	100	100	25.0
	1984	**-**	**-**	**-**	**100**	**100**	**17.0**
	1979	1,000	1,600	213.0	9,800	14,200	1,841.0
	1980	2,400	2,700	361.0	10,400	12,300	1,739.0
	1981	3,200	5,500	826.0	11,200	14,700	2,406.0
STATE TOTAL	1982	2,200	2,500	449.0	10,900	11,800	2,268.0
	1983	2,800	4,600	746.0	12,900	17,100	3,160.0
	1984	**3,000**	**4,400**	**675.0**	**12,600**	**19,000**	**3,069.0**

1/ Includes mixed grains, oats and barley. 2/ Includes Southeast. Dash indicates no crop produced or combined with other areas.

ALASKA ALL HAY — 1979-84

District	Year	Area Harvested Acres	Yield Tons	Production Tons	$ Value (000)
Tanana Valley	1979	3,000	1.03	3,100	380.0
	1980	4,900	.86	4,200	580.0
	1981	6,200	1.39	8,600	1,317.0
	1982	5,700	1.21	6,900	1,233.0
	1983	7,000	1.30	9,100	1,410.0
	1984	**7,000**	**1.36**	**9,500**	**1,414.0**
Matanuska Valley	1979	6,200	1.73	10,700	1,420.0
	1980	6,250	1.34	8,400	1,160.0
	1981	6,200	1.55	9,600	1,595.0
	1982	4,800	.98	4,700	962.0
	1983	5,700	1.63	9,300	1,843.0
	1984	**5,700**	**1.77**	**10,100**	**1,697.0**
Kenai Peninsula	1979	1,400	1.29	1,800	232.0
	1980	1,450	1.38	2,000	300.0
	1981	1,900	1.00	1,900	304.0
	1982	2,500	1.04	2,600	497.0
	1983	2,900	1.10	3,200	628.0
	1984	**2,800**	**1.32**	**3,700**	**616.0**
Southwest 1/	1979	200	1.00	200	22.0
	1980	200	2.00	400	60.0
	1981	100	1.00	100	16.0
	1982	100	1.00	100	25.0
	1983	100	1.00	100	25.0
	1984	**100**	**1.00**	**100**	**17.0**
STATE TOTAL	1979	10,800	1.46	15,800	2,054.0
	1980	12,800	1.17	15,000	2,100.0
	1981	14,400	1.40	20,200	3,232.0
	1982	13,100	1.09	14,300	2,717.0
	1983	15,700	1.38	21,700	3,906.0
	1984	**15,600**	**1.50**	**23,400**	**3,744.0**

1/ Includes Southeast.

ALASKA GRAIN AND GRASS SILAGE — 1979-84 1/

District	Year	GRAIN 2/ Area Harvested Acres	GRAIN 2/ Production Tons	GRAIN 2/ Production $ Value (000)	GRASS Area Harvested Acres	GRASS Production Tons	GRASS Production $ Value (000)
Tanana Valley	1979	-	-	-	-	-	-
	1980	850	1,000	38.0	50	100	4.0
	1981	600	1400	48.0	300	500	20.0
	1982	250	1200	46.0	50	100	4.0
	1983	450	800	33.0	-	-	-
	1984	-	-	-	**300**	**900**	**38.0**
Matanuska Valley	1979	650	4,000	140.0	1,700	8,200	331.0
	1980	700	3,000	108.0	1,550	7,400	303.0
	1981	750	4,500	171.0	1,250	6,000	246.0
	1982	450	3,500	144.0	1,050	5,200	234.0
	1983	550	5,000	222.0	1,000	8,000	365.0
	1984	**4,600**	**14,700**	**647.0**	**900**	**5,700**	**257.0**
Kenai Peninsula 2/	1979	50	200	6.0	-	-	-
	1980	350	700	24.0	100	200	7.0
	1981	50	200	7.0	50	200	7.0
	1982	-	-	-	-	-	-
	1983	-	-	-	-	-	-
	1984	-	-	-	-	-	-
STATE TOTAL	1979	700	4,200	146.0	1,700	8,200	331.0
	1980	1,900	4,700	170.0	1,700	7,700	314.0
	1981	1,400	6,100	226.0	1,600	6,700	273.0
	1982	700	4,700	190.0	1,100	5,300	238.0
	1983	1,000	5,800	255.0	1,000	8,000	365.0
	1984	**4,600**	**14,700**	**647.0**	**1,200**	**6,600**	**295.0**

1/ Dash indicates no crop produced or combined with other areas. 2/ Includes mixed grains, oats and barley. 3/ Includes Southwest.

ALASKA ALL SILAGE — 1979-84 1/

District	Year	Area Harvested Acres	Yield Tons	Production Tons	$ Value (000)
	1979	-	-	-	-
	1980	900	1.22	1,100	42.0
	1981	900	2.11	1,900	68.0
Tanana Valley	1982	300	4.33	1,300	50.0
	1983	450	1.78	800	33.0
	1984	**300**	**3.00**	**900**	**38.0**
	1979	2,350	5.19	12,200	470.0
	1980	2,250	4.62	10,400	411.0
	1981	2,000	5.25	10,500	417.0
Matanuska Valley	1982	1,500	5.80	8,700	378.0
	1983	1,550	8.39	13,000	587.0
	1984	**5,500**	**3.70**	**20,400**	**904.0**
	1979	50	4.00	200	7.0
	1980	450	2.00	900	31.0
	1981	100	4.00	400	14.0
Kenai Peninsula 2/	1982	-	-	-	-
	1983	-	-	-	-
	1984	-	-	-	-
	1979	2,400	5.17	12,400	477.0
	1980	3,600	3.44	12,400	484.0
	1981	3,000	4.27	12,800	499.0
STATE TOTAL	1982	1,800	5.56	10,000	428.0
	1983	2,000	6.90	13,800	620.0
	1984	**5,800**	**3.67**	**21,300**	**942.0**

1/ Dash indicates no crop produced or combined with other areas. 2/ Includes Southwest

ALASKA POTATOES — 1979-84

District	Year	Area Harvested Acres	Yield Cwt.	Production Cwt.	Production $ Value
					(000)
	1979	110	159	17,500	254.0
	1980	95	129	12,300	267.0
	1981	80	110	8,800	194.0
Tanana Valley	1982	90	162	14,600	275.0
	1983	70	133	9,300	162.0
	1984	**75**	**177**	**13,300**	**279.0**
	1979	330	193	63,800	745.0
	1980	340	184	62,700	1,254.0
	1981	395	204	80,500	1,681.0
Matanuska Valley	1982	370	232	85,700	1,328.0
	1983	425	250	106,400	1,851.0
	1984	**455**	**234**	**106,300**	**1,990.0**
	1979	20	185	3,700	47.0
	1980	25	80	2,000	42.0
	1981	25	228	5,700	120.0
Kenai Peninsula	1982	20	85	1,700	29.0
	1983	25	92	2,300	40.0
	1984	**420**	**120**	**2,400**	**49.0**
	1979	460	185	85,000	1,046.0
	1980	460	167	77,000	1,563.0
	1981	500	190	95,000	1,995.0
STATE TOTAL	1982	480	213	102,000	1,632.0
	1983	520	227	118,000	2,053.0
	1984	**550**	**222**	**122,000**	**2,318.0**

ALASKA POTATO PRODUCTION, DISPOSITION AND AVERAGE PRICE — 1979-83

Crop Year	Production	Total Seed	Farm Food Seed 1/	Lost and Shrinkage	Sold	$ Price Per Cwt.
			Hundredweight			
1979	85.0	5.8	7.0	15.0	63.0	12.30
1980	77.0	8.4	10.5	10.5	56.0	20.30
1981	95.0	6.4	8.5	15.0	71.5	21.00
1982	102.0	7.3	8.0	10.5	83.5	16.00
1983	**118.0**	**8.0**	**9.0**	**17.0**	**92.0**	**17.40**

1/ Household use, livestock feed, and seed used on farm where grown.

ALASKA POTATO STOCKS — 1979-84

Crop Year	Total Production	STOCKS ON HAND AS OF Oct 1	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1
	Hundredweight								
1979	85.0	77.5	61.5	52.0	43.0	36.5	26.5	17.5	7.5
1980	77.0	72.5	59.0	52.0	41.5	33.5	26.0	18.5	7.5
1981	95.0	88.5	67.5	57.0	50.5	40.0	33.5	24.0	11.5
1982	102.0	93.0	77.0	64.5	53.0	41.0	32.0	23.5	5.5
1983	118.0	106.0	86.0	70.5	56.0	45.5	34.0	24.0	8.0
1984	122.0	109.0	83.5	73.0	61.0	52.0	40.5	26.0	NA

NA - Not Available

ALASKA MIXED GRAINS 1/ (All Purposes) — 1979-84

District	1979	1980	1981	1982	1983	1984
	ACRES PLANTED					
Tanana Valley	100	50	-	100	50	**100**
Matanuska Valley	400	450	650	500	750	**700**
Kenai Peninsula	-	-	50	-	-	-
STATE TOTAL	500	500	700	700	800	**800**
	ACRES HARVESTED					
Tanana Valley	100	50	-	100	50	**100**
Matanuska Valley	400	450	650	500	750	**700**
Kenai Peninsula	-	-	50	-	-	-
STATE TOTAL	500	500	700	600	800	**800**

1/ Includes mixtures of oats, barley, and peas.
Dash indicates no crop produced or combined with other areas.

ALASKA HEAD LETTUCE AND CABBAGE — 1979-84

District	Year	Area Harvested Acres	Production Ctn.	Production Cwt.	$ Value
			HEAD LETTUCE		
	1979	13		1,200	36,000
	1980	15		1,200	42,000
	1981	14	2,500		39,000
Tanana Valley	1982	13	2,600		31,000
	1983	20	4,200		57,000
	1984	**21**	**3,600**		**52,000**
	1979	77		11,600	255,000
	1980	85		10,000	200,000
	1981	86	20,900		235,000
Matanuska Valley 1/	1982	96	26,800		306,000
	1983	100	32,000		379,000
	1984	**99**	**31,900**		**313,000**
	1979	90		12,800	291,000
	1980	100		11,200	242,000
	1981	100	23,400		274,000
STATE TOTAL	1982	109	29,400		337,000
	1983	120	36,200		436,000
	1984	**120**	**35,500**		**365,000**
			CABBAGE		
	1979	7		800	18,000
	1980	7		300	7,500
	1981	7	1,400		17,600
Tanana Valley	1982	6	1,700		21,200
	1983	6	1,200		17,000
	1984	**9**	**1,400**		**17,000**
	1979	23		3,200	59,000
	1980	27		3,800	72,000
	1981	34	7,700		84,400
Matanuska Valley 1/	1982	31	10,200		103,800
	1983	26	5,900		64,000
	1984	**31**	**6,800**		**64,000**
	1979	30		4,000	77,000
	1980	27		4,100	79,000
	1981	41	9,100		102,000
STATE TOTAL	1982	37	11,900		125,000
	1983	32	7,100		81,000
	1984	**40**	**8,200**		**81,000**

1/ Includes Kenai Peninsula.

ALASKA OTHER VEGETABLES AND CARROTS — 1979-84

District	Year	Area Harv. Acres	Production Cwt.	Production $ Value	Area Harv. Acres	Production Cwt.	Production $ Value
		OTHER VEGETABLES 1/			CARROTS		
	1979	17	600	24,000	5	500	15,000
	1980	14	500	23,000	7	300	10,000
	1981	13	200	10,000	6	700	25,000
Tanana Valley	1982	20	800	3,400	8	700	21,000
	1983	15	600	27,000	5	500	17,000
	1984	**17**	**500**	**23,000**	**5**	**300**	**19,000**
	1979	58	2,900	113,000	20	1,900	51,000
	1980	58	4,100	160,000	21	3,000	102,000
	1981	92	4,500	171,000	21	3,000	96,000
Mat. Valley 2/	1982	111	4,700	193,000	21	2,300	69,000
	1983	98	5,200	212,000	17	1,800	61,000
	1984	**99**	**6,800**	**245,000**	**20**	**2,300**	**79,000**
	1979	75	3,500	137,000	25	2,400	66,000
	1981	72	4,600	183,000	28	3,300	112,000
	1981	105	4,700	181,000	27	3,700	121,000
STATE TOTAL	1982	131	5,500	227,000	29	3,000	90,000
	1983	113	5,800	239,000	22	2,300	78,000
	1984	**116**	**7,300**	**268,000**	**25**	**2,800**	**98,000**

1/ Excludes greenhouse grown vegetables. 2/ Includes Kenai Peninsula.

ALASKA LIVESTOCK AND POULTRY — 1984

CATTLE AND CALVES: There were 9,500 head of cattle and calves on Alaska farms and ranches January 1, 1985, down 100 head from last year. Inventory value of all cattle on January 1, 1985 totaled $5,558,000.

DAIRY: Milk cows that have calved numbered 1,300 on January 1, 1985, up 200 head from the previous January 1. There were 600 head of dairy replacement heifers.

The number of Grade A dairies in the State on January 1, 1985 totaled 12 of which 10 were included with the Matanuska Valley; 2 in the Tanana Valley near Delta Junction.

MILK PRODUCTION in 1984 totaled 13.9 million pounds, 400,000 pounds more than in 1983. The value of milk produced at $2,970,000 was $ 112,000 less than a year ago. The 1984 value per hundredweight of $ 21.36 compares with $ 22.84 in 1983.

BEEF: Beef cattle (all cattle and calves less milk cows and dairy replacement heifers) numbered 7,600 head, 400 head less than the January 1, 1984 number. Beef cow numbers at 2,900 head were down 400 from the previous year. Beef heifers are estimated at 800 head.

Marketing and transportation problems continue to be main obstacles of the rancher. In the past, beef were sold off the range at the end of the grazing season. However, during the past year, several head of beef cattle have been force fed in feed lots before being slaughtered.

HOGS: There were 2,400 hogs and pigs on farms on December 1, 1984, down from 3,200 head the previous year. Total value of hogs on December 1, 1984 was $280,000 compared with $459,000 on December 1, 1983.

SHEEP: Stock sheep and lambs on January 1, 1985 totaled 2,900 head, down 200 head from a year earlier; a record low since our records began in 1960. Inventory value of sheep was estimated at $276,000 compared with $326,000 a year earlier.

WOOI PRODUCTION of 18,000 pounds was down from 23,000 pounds in 1983. The 1,700 head shorn compares with 2,200 head shorn in 1983. Fleece weight of 10.6 pounds was up from the 10.5 pounds the previous year. Value of 1984 wool crop was $18,000.

POULTRY: All chickens on farms totaled 68,000 on December 1, 1984. Value of all chickens totaled $326,000 up from $314,000 a year earlier.

EGG PRODUCTION totaled 1,133,000 dozen in 1984, 167,000 dozen less than in 1983. Value of eggs produced in 1984 was about $1,371,000, $176,000 less than the previous year.

REINDEER: There were an estimated 23,000 head of reindeer during 1984, up 1,000 from 1983. Value of sales from meat and by-products totaled $660,000, down $39,000 from 1983.

ALASKA LIVESTOCK RECORD INVENTORY NUMBERS — 1960-85

CLASS	RECORD	INVENTORY	DATE
ALL CATTLE AND CALVES	High	9,700	Jan. 1, 1975
	Low	7,300	Jan. 1, 1961
MILK COWS AND HEIFERS THAT HAVE CALVED 1/	High	3,200	Jan. 1, 1962
	LOW	1,000	Jan. 1, 1983
BEEF COWS AND HEIFERS THAT HAVE CALVED 1/	High	**3,300**	**Jan. 1, 1984**
	Low	1,400	Jan. 1, 1961/62
HEIFERS 500 POUNDS AND OVER	High	1,400	Jan. 1, 1982
	Low	1,000	Jan. 1, 1961/63/67/77
STEERS 500 POUNDS AND OVER	High	900	Jan. 1, 1966
	Low	300	Jan. 1, 1977
BULLS 500 POUNDS AND OVER	High	**1,200**	**Jan. 1, 1980/84/85**
	Low	200	Jan. 1, 1961/62/66
CALVES UNDER 500 POUNDS	High	2,500	Jan. 1, 1975
	Low	1,300	Jan. 1, 1961/62
ALL HOGS	High	3,500	Dec. 1, 1982
	Low	800	Dec. 1, 1975/76
ALL SHEEP	High	27,000	Jan. 1, 1968/69/70
	Low	2,900	Jan. 1, 1985
ALL CHICKENS	High	81,000	Jan. 1, 1982
	Low	26,000	Dec. 1, 1970/75/79

1/ Prior to January 1, 1970, definition was cows two years old and older.

ALASKA LIVESTOCK PRODUCTS: RECORD INVENTORY NUMBERS — 1960-84

COMMODITY	RECORD	PRODUCTION	YEAR
MILK (LBS.)	HIGH	23,000,000	1962
	LOW	12,500,000	1980
EGGS (DOZ.)	HIGH	1,300,000	1983
	LOW	375,000	1980
WOOL (LBS.)	HIGH	269,000	1969
	LOW	16,000	1981

ALASKA CATTLE ON FARMS — JANUARY 1, 1980-85

District	1980	1981	1982	1983	1984	1985
			BEEF COWS THAT HAVE CALVED			
Tanana Valley	170	230	480	530	650	390
Matanuska Valley	110	190	170	110	130	150
Kenai Peninsula	220	240	330	270	400	350
Southwest 1/	2,000	1,840	2,020	2,090	2,120	2,010
STATE TOTAL	2,500	2,500	3,000	3,000	3,300	2,900
VALUE (000) DOLLARS	1,125.0	1,249.0	1,650.0	1,790.0	1,886.0	1,712.0
			MILK COWS THAT HAVE CALVED			
Tanana Valley	40	80	180	140	140	120
Matanuska Valley	1,020	980	880	820	920	1,150
Kenai Peninsula	30	30	30	30	30	20
Southwest 1/	10	10	10	10	10	10
STATE TOTAL	1,100	1,100	1,100	1,000	1,100	1,300
VALUE (000) DOLLARS	913.0	913.0	924.0	840.0	968.0	1,183.0
			BEEF REPLACEMENT AND OTHER HEIFERS 2/			
Tanana Valley	60	260	120	210	160	130
Matanuska Valley	60	60	70	50	40	80
Kenai Peninsula	80	80	120	70	80	70
Southwest 1/	600	500	690	470	420	420
STATE TOTAL	700	800	900	800	700	700
VALUE (000) DOLLARS	440.0	495.0	562.0	529.0	470.0	471.0
			DAIRY REPLACEMENT HEIFERS 2/			
Tanana Valley	20	30	50	50	50	50
Matanuska Valley	470	460	440	440	440	550
Kenai Peninsula	10	10	10	10	10	-
Southwest 1/	-	-	-	-	-	-
STATE TOTAL	500	500	500	500	500	600
VALUE (000) DOLLARS	277.0	280.0	290.0	306.0	305.0	390.0

1/ Includes Southeast. 2/ Over 500 Pounds.

ALASKA CATTLE ON FARMS — JANUARY 1, 1980-85

District	1980	1981	1982	1983	1984	1985
			STEERS 2/			
Tanana Valley	30	40	60	160	220	140
Matanuska Valley	60	50	110	120	70	120
Kenai Peninsula	20	30	30	100	100	50
Southwest 1/	290	480	500	420	310	190
STATE TOTAL	400	600	700	800	700	500
VALUE (000) DOLLARS	220.0	330.0	406.0	480.0	420.0	300.0
			BULLS 2/			
Tanana Valley	20	30	50	60	40	60
Matanuska Valley	50	50	40	50	50	50
Kenai Peninsula	40	40	40	30	20	30
Southwest 1/	1,090	880	670	760	1,090	1,060
STATE TOTAL	1,200	1,000	800	900	1,200	1,200
VALUE (000) DOLLARS	738.0	630.0	544.0	610.0	815.0	840.0
			CALVES 3/			
Tanana Valley	60	120	370	300	300	330
Matanuska Valley	580	550	570	490	510	710
Kenai Peninsula	200	160	170	250	330	230
Southwest 1/	1,060	970	990	860	860	930
STATE TOTAL	1,900	1,800	2,100	1,900	2,000	2,200
VALUE (000) DOLLARS	361.0	387.0	546.0	530.0	560.0	662.0
			ALL CATTLE			
Tanana Valley	400	790	1,310	1,460	1,580	1,250
Matanuska Valley	2,350	2,340	2,280	2,100	2,170	2,820
Kenai Peninsula	600	590	730	790	1,000	770
Southwest 1/	5,050	4,680	4,880	4,650	4,850	4,660
STATE TOTAL	8,400	8,400	9,200	9,000	9,600	9,500
VALUE (000) DOLLARS	4,074.0	4,284.0	4,922.0	5,085.0	5,424.0	5,558.0

1/ Includes Southeast. 2/ Over 500 Pounds. 3/ Under 500 pounds.

ALASKA CALF CROP
(Selected Years)

Year	Cows & Heifers That have Calved January 1	Calving Percentage	Calf Crop
1961	4,200	83	3,500
1965	4,600	89	4,100
1970	4,400	86	3,800
1975	4,400	80	3,500
1980	3,600	78	2,800
1981	4,100	78	3,200
1982	4,000	75	3,000
1983	4,400	75	3,300
1984	**4,200**	**79**	**3,300**

ALASKA PIG CROP (Selected Years)

Year	SPRING FARROWINGS Sows Farrowed	Pigs Per Litter	Pigs Saved	FALL FARROWINGS Sows Farrowed	Pigs Per Litter	Pigs Saved
1961	130	6.9	900	120	6.8	820
1965	150	5.8	870	150	7.1	1,060
1970	120	6.6	790	130	6.9	900
1975	50	8.0	400	50	7.5	400
1980	170	7.1	1,200	210	6.7	1,400
1981	280	5.7	1,600	350	5.7	2,000
1982	380	7.6	2,900	350	7.7	2,700
1983	450	7.6	3,400	390	7.7	3,000
1984	**250**	**7.6**	**1,900**	**230**	**7.8**	**1,800**

ALASKA ALL HOGS — DECEMBER 1, 1979-84

DISTRICT	1979	1980	1981	1982	1983	1984
Tanana Valley	560	740	1,550	1,930	1,830	1,750
Matanuska Valley	420	950	1,140	1,450	1,180	410
Kenai Peninsula	60	70	60	80	160	210
Southeast 1/	60	40	50	40	30	30
STATE TOTAL	1,100	1,800	2,800	3,500	3,200	2,400
VALUE (000) DOLLARS	137.0	254.0	392.0	551.0	459.0	280.0

1/ Includes Southwest.

ALASKA MEAT PRODUCTION — 1979-84

District	Year	Production Pounds Dr. Wt.	Production $ Value	Production Pounds Dr. Wt.	Production $ Value
		BEEF AND VEAL		PORK	
Tanana Valley	1979	72,000	88,000	80,000	85,000
	1980	116,000	138,000	85,000	86,000
	1981	130,000	162,000	137,000	137,000
	1982	134,000	181,000	277,000	308,000
	1983	166,000	183,000	242,000	248,000
	1984	**327,000**	**393,000**	**370,000**	**308,000**
Matanuska Valley	1979	285,000	265,000	121,000	119,000
	1980	296,000	294,000	124,000	120,000
	1981	274,000	320,000	134,000	131,000
	1982	282,000	355,000	293,000	321,000
	1983	342,000	442,000	600,000	588,000
	1984	**474,000**	**550,000**	**180,000**	**147,000**
Kenai Peninsula	1979	110,000	131,000	8,000	8,000
	1980	120,000	143,000	12,000	13,000
	1981	104,000	142,000	11,000	12,000
	1982	126,000	193,000	23,000	26,000
	1983	134,000	174,000	41,000	45,000
	1984	**192,000**	**258,000**	**37,000**	**36,000**
Southeast 1/	1979	281,000	271,000	12,000	13,000
	1980	235,000	249,000	11,000	13,000
	1981	241,000	325,000	11,000	13,000
	1982	259,000	364,000	11,000	13,000
	1983	193,000	200,000	16,000	18,000
	1984	**276,000**	**301,000**	**11,000**	**11,000**
STATE TOTAL	1979	748,000	755,000	221,000	226,000
	1980	767,000	824,000	232,000	232,000
	1981	749,000	949,000	293,000	293,000
	1982	801,000	1,093,000	604,000	668,000
	1983	835,000	999,000	899,000	899,000
	1984	**1,269,000**	**1,502,000**	**598,000**	**502,000**

1/ Includes Southwest.

ALASKA SHEEP, LAMBS, WOOL AND MUTTON

ALASKA SHEEP AND LAMBS ON FARMS
JANUARY 1, 1980-85

Year	EWES ONE YEAR PLUS State Total	EWES ONE YEAR PLUS Value (000 $)	WETHERS AND RAMS ONE YEAR PLUS State Total	WETHERS AND RAMS ONE YEAR PLUS Value (000 $)	ALL LAMBS State Total	ALL LAMBS Value (000 $)	ALL SHEEP AND LAMBS State Total	ALL SHEEP AND LAMBS Value (000 $)
1980	2,300	195.0	1,300	91.0	700	49.0	4,300	335.0
1981	2,000	189.0	1,300	104.0	600	48.0	3,900	341.0
1982	1,900	190.0	1,400	126.0	600	48.0	3,900	369.0
1983	1,600	176.0	1,100	104.0	600	57.0	3,300	337.0
1984	1,600	176.0	1,000	100.0	500	50.0	3,100	326.0
1985	**1,500**	**150.0**	**1,000**	**90.0**	**400**	**36.0**	**2,900**	**276.0**

ALASKA LAMP CROP
(Selected Years)

Year	Ewes one Year Old and Over January 1	Lambing Percentage	Lambs Saved
1961	6,000	83	5,000
1965	9,000	67	6,000
1970	11,000	45	5,000
1975	6,000	17	1,000
1980	2,300	26	600
1981	2,000	40	800
1982	1,900	37	700
1983	1,600	44	700
1984	**1,600**	**44**	**700**

ALASKA WOOL PRODUCTION 1979-84

Year	Pounds Dr. Wt.	$ Value
1979	32,000	29,000
1980	35,000	25,000
1981	16,000	8,000
1982	28,000	18,000
1983	23,000	12,000
1984	**18,000**	**18,000**

ALASKA LAMB AND MUTTON 1979-84

Year	PRODUCTION Pounds Dr. Wt.	PRODUCTION $ Value
1979	24,000	14,000
1980	18,000	10,000
1981	18,000	18,000
1982	53,000	40,000
1983	21,000	18,000
1984	**29,000**	**19,000**

ALASKA MILK PRODUCTION BY MONTHS — 1982 AND 1984

MONTH	MILK COWS IN HERD 1/ 1982	MILK COWS IN HERD 1/ 1984	MILK PER COW 1982	MILK PER COW 1984	MILK PRODUCTION 1982	MILK PRODUCTION 1984
			--- Pounds ---		-Thousand Pounds-	
January	1,100	1,100	1,065	1,045	1,170	1,150
February	1,100	1,100	1,000	065	1,100	1,060
March	1,100	1,100	1,070	1,015	1,180	1,120
April	1,100	1,100	1,020	990	1,120	1,090
May	1,100	1,100	1,080	1,010	1,190	1,110
June	1,100	1,100	1,080	1,060	1,190	1,170
July	1,100	1,100	1,030	1,180	1,240	1,300
August	1,100	1,100	1,035	1,090	1,250	1,200
September	1,100	1,100	1,080	1,030	1,190	1,130
October	1,000	1,100	1,100	1,070	1,100	1,180
November	1,000	1,200	1,020	940	1,020	1,130
December	1,000	1,300	1,050	970	1,050	1,260
ANNUAL	1,100	1,100	12,545	12,636	13,800	13,900

1/ Includes all fresh and dry cows.

ALASKA MILK PRODUCTION AND VALUE — 1979-84

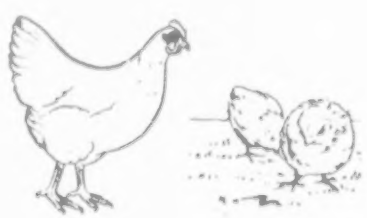
DISTRICT	YEAR	PRODUCTION POUNDS (000)	PRODUCTION $ VALUE (000)	$ VALUE PER CWT.	PERCENT MILKFAT
	1979	500	107		
	1980	600	132		
	1981	1,500	320		
Tanana Valley 1/	1982	1,800	425	NOT	
	1983	1,700	417		
	1984	1,100	200	ESTIMATED	
	1979	12,500	2,194		
	1980	11,900	2,112		
	1981	11,900	2,281	BY	
Matanuska Valley	1982	12,000	2,538		
	1983	11,800	2,666	DISTRICTS	
	1984	12,800	2,770		
	1979	13,000	2,304	17.76	3.58
	1980	12,500	2,244	17.95	3.58
	1981	13,400	2,601	19.41	3.58
STATE TOTAL	1982	13,800	2,963	21.47	3.59
	1983	13,500	3,083	22.84	3.53
	1984	13,900	2,970	21.36	3.52

1/ Includes Kenai Peninsula

ALASKA POULTRY ON FARMS — DECEMBER 1 — 1979-84

DISTRICT	1979	1980	1981	1982	1983	1984
			HENS AND PULLETS OF LAYING AGE			
Tanana Valley	1,200	3,600	2,900	900	1,100	1,300
Matanuska Valley	21,300	20,200	27,700	35,700	34,000	34,100
Kenai Peninsula	1,200	4,000	4,100	20,000	25,500	24,000
Southeast 1/	300	200	300	400	400	600
STATE TOTAL	24,000	28,000	35,000	57,000	61,000	60,000
VALUE (000) DOLLARS	106.0	118.0	179.0	268.0	269.0	300.0
			ALL CHICKENS			
Tanana Valley	1,700	5,000	3,400	5,800	1,900	2,100
Matanuska Valley	22,400	30,200	28,500	46,900	35,300	34,600
Kenai Peninsula	1,500	5,500	4,600	27,601	35,100	30,400
Southeast 1/	400	300	500	700	700	900
STATE TOTAL	26,000	41,000	37,000	81,000	73,000	68,000
VALUE (000) DOLLARS	113.0	168.0	187.0	381.0	314.0	326.0
			CHICKENS RAISED 2/			
Tanana Valley	24,000	26,000	28,000	22,500	18,000	20,000
Matanuska Valley	45,400	49,800	50,800	55,000	33,000	54,000
Kenai Peninsula	10,000	12,000	26,000	47,000	28,000	25,000
Southeast 1/	4,600	3,200	2,200	2,500	3,000	3,000
STATE TOTAL	84,000	91,000	107,000	127,000	82,000	102,000

1/ Includes Southwest.
2/ Purchased during the year.



ALASKA POULTRY PRODUCTION — 1979-84

DISTRICT	1979	1980	1981	1982	1983	1984
			PRODUCTION - (000) POUNDS			
Tanana Valley	58.7	52.8	66.4	45.5	39.0	**48.0**
Matanuska Valley	79.0	85.0	104.6	72.7	53.4	**101.0**
Kenai Peninsula	21.1	15.9	55.7	53.4	48.0	**51.0**
Southeast 1/	11.2	7.3	4.3	4.5	6.0	**6.0**
STATE TOTAL	170.0	161.0	231.0	176.0	146.0	**206.0**
			PRODUCTION VALUE (000) DOLLARS			
Tanana Valley	27.5	28.0	36.5	23.0	22.0	**42.5**
Matanuska Valley	36.4	43.7	54.5	34.4	28.2	**88.0**
Kenai Peninsula	9.7	8.5	30.6	27.1	27.0	**45.0**
Southeast 1/	5.4	3.8	2.4	2.5	3.8	**5.5**
STATE TOTAL	79.0	84.0	124.0	87.0	81.0	**181.0**

ALASKA EGG PRODUCTION BY MONTHS — 1982 AND 1984

MONTH	HENS AND PULLETS		EGGS PER LAYER		EGG PRODUCTION	
	1982	1984	1982	1984	1982	1984
					(000)	
December 1/	35,000	**61,000**	21.82	**21.38**	765	**1,315**
January	34,000	**59,000**	20.49	**21.61**	695	**1,275**
February	34,000	**57,000**	16.02	**18.71**	545	**1,065**
March	33,000	**57,000**	16.99	**20.71**	560	**1,180**
April	33,000	**56,000**	18.21	**19.98**	600	**1,120**
May	33,000	**55,000**	19.00	**20.74**	625	**1,140**
June	36,000	**55,000**	18.60	**20.34**	670	**1,120**
July	39,000	**54,000**	20.27	**20.58**	790	**1,110**
August	50,000	**55,000**	20.27	**20.27**	810	**1,115**
September	46,000	**56,000**	17.91	**18.90**	825	**1,060**
October	54,000	**58,000**	16.52	**18.60**	890	**1,080**
November	58,000	**60,000**	17.40	**18.00**	1,010	**1,080**

1/ December preceding year.

ALASKA EGGS — 1979-84

District	Year	Av. Number of Layers	Production Dozen	Production $ Value	Sales (Dozen)
	1979		173,000	230,000	164,200
	1980		15,000	21,500	92,000
	1981	NOT	65,000	97,500	58,000
TANANA VALLEY	1982		38,000	70,000	30,000
	1983		122,000	159,000	114,000
	1984		**18,000**	**24,000**	**14,000**
	1979		378,000	458,000	369,000
	1980		341,000	401,000	330,000
	1981		520,000	470,000	412,000
MATANUSKA VALLEY	1982	ESTIMATED	500,000	571,000	491,000
	1983		610,000	702,000	601,000
	1984		**590,000**	**653,000**	**578,000**
	1979		3,000	4,400	800
	1980		16,000	23,000	12,000
	1981		67,000	93,500	60,000
KENAI PENINSULA	1982	BY	190,000	224,000	185,000
	1983		560,000	675,000	555,000
	1984		**515,000**	**673,000**	**504,000**
	1979		4,000	5,600	1,000
	1980		3,000	4,500	800
	1981	DISTRICTS	6,000	9,000	3,000
SOUTHEAST 1/	1982		5,000	8,000	2,000
	1983		8,000	11,000	5,000
	1984		**10,000**	**21,000**	**11,000**
	1979	27,000	558,000	698,000	535,000
	1980	24,000	375,000	450,000	352,000
	1981	26,000	558,000	670,000	533,000
STATE TOTAL	1982	39,000	733,000	873,000	708,000
	1983	62,000	1,300,000	1,547,000	1,275,000
	1984	**57,000**	**1,133,000**	**1,371,000**	**1,107,000**

1/ Includes Southwest

ALASKA REINDEER (Selected Years)

REINDEER: Most reindeer are located on the Seward Peninsula and Nunivak and Umnak Islands. There are also village herds located on the islands on the Bering Sea. Revenue is mainly from sale of meat and by-products.

ALASKA REINDEER NUMBERS

	1977	1981	1982	1983	1984 1/
Males	7,000	9,200	9,000	8,000	**9,000**
Females	13,000	15,800	15,000	14,000	**14,000**
TOTAL 2/	20,000	25,000	24,000	22,000	**23,000**

ALASKA REINDEER MEAT AND BY-PRODUCTS

Year	MEAT PRODUCTION		MEAT SALES		OTHER SALES 3/
	Pounds Dr. Wt.	$ Value	Pounds Dr. Wt.	$ Value	$ Value
1960	450,000	180,000	330,000	132,000	NA
1965	637,000	242,000	522,000	200,000	NA
1970	615,000	300,000	479,000	241,000	NA
1975	345,000	308,000	287,000	257,000	84,000
1977	312,000	275,000	256,000	225,000	196,000
1982	273,000	423,000	240,000	408,000	454,000
1983	275,000	440,000	245,000	429,000	270,000
1984 1/	**290,000**	**478,000**	**260,000**	**455,000**	**205,000**

1/ Preliminary based on information supplied by BIA, CES, and Native Corps. 2/ This includes bulls, steers, cows, and fawns. 3/ Antlers, hides and other by-products. NA - Not available.

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ALASKA REPORTS AVAILABLE: 1/

ALASKA FARM REPORTER (MONTHLY) - Includes milk and egg production, potato stocks, crop production and livestock inventory.

ALASKA AGRICULTURE STATISTICS (Annual) - Area Estimates - Crop, livestock and values.

CROP WEATHER (weekly) - (May 1 to October 1) - Planting and harvesting progress, crop development progress and weather data.

1/ All releases are free to Alaska crop and livestock reporters and available by subscription to non-reporters.

ALASKA'S CLIMATE

Temperatures and precipitation vary considerably from one area of the State to another. Although several areas of the State have suitable soils as well as a favorable climate for agriculture, most farms are located in the Railbelt. This area includes the Tanana Valley, Matanuska Valley, and Kenai Peninsula.

MATANUSKA VALLEY, surrounding the Palmer area, is the major agriculture producing area. The Valley not only has some of the best soils, but also the most suitable climate for agriculture of any area in the State. Temperatures are a little more moderate than the Interior. The Anchorage and Palmer area has up to 19 hours of daylight. Summer and fall seasons have frequent showers and cloudy weather. Total precipitation is limited, but usually adequate. The connecting SUSITNA VALLEY has a shorter growing season; otherwise similar conditions prevail. April, May, and June are the driest months.

TANANA VALLEY, from Fairbanks to Delta Junction, is the second most important agriculture area. Temperature changes are more severe because of the distance from the ocean. Warming and cooling trends in the spring and autumn are quite rapid. Summers are shorter and warmer, but winters are colder than the other agriculture areas. Inspite of the short growing season, the long days of sunshine and warmer temperatures make crops grow and mature faster. Fairbanks has up to 21 hours of daylight.

KENAI PENINSULA has primarily a maritime weather situation. Temperatures are moderated by effects of water. Frosts are fairly frequent until mid-June. Precipitation is higher than the other areas of the Railbelt. Crops have to be carefully selected for their tolerance of frosts and a shorter growing season.

OTHER AREAS including Kodiak and islands along the Aleutian Chain, as well as the Southeast, all have a maritime climate with warmer winters and cooler summers than the Interior. Cloudy weather and frequent rains often delay crop maturity.

Detailed summaries are shown on the following pages for temperature, precipitation and growing degree days. Data for these summaries are taken from monthly Climatological Data publications, NOAA, Environmental Data Service and may vary somewhat from the annual Climatological Data publication when it becomes available.

The length of growing season (GS) shown in the 1984 and historic temperature summaries is based on 32 degrees. The GS is the number of days between the last spring and first fall occurrence of 32 degrees. Official Weather Service temperatures are recorded at the five foot level; therefore, minimum temperatures taken near the ground level will normally be colder than the official readings.

Growing degree days as shown on the Page 44 are based on an average temperatures of 40 degrees. Only temperature values above 40 degrees contribute to the growing degree days used in Alaska. For example: The average for July in Wasilla is 60 degrees; therefore, 60-40= 20 degrees multiplied by 31 days in the month of July gives 620 growing season degree days (does not always agree with table due to rounding off the average monthly temperature to whole degrees).

Permafrost is underlain in all areas of the State except the southern edge from Southeast through the Matanuska Valley down the Aleutian Chain. Permafrost is a condition where soil remains frozen throughout the year. Usually, it does not exist where the annual mean temperature is 32 degrees Farenheit or above. Vegetation insulates the soil; when it is removed, the soil begins to thaw.

ALASKA PRECIPITATION DATE BY AREA (Inches)

STATION	1984 PRECIPITATION							1984 SNOW-FALL	AVERAGE PRECIPITATION						
	APR	MAY	JUN	JUL	AUG	SEP	YEAR		APR	MAY	JUN	JUL	AUG	SEP	YEAR
TANANA VALLEY															
Fairbanks Arpt.	.47	1.17	.48	2.95	1.15	.22	12.35	103	.27	.57	1.32	1.77	1.86	1.09	10.37
Univ. Exp. Sta.	.52	1.06	.85	1.94	1.30	.25	10.03	50	.25	.61	1.53	2.35	2.30	1.28	12.40
Salcha	.16	2.36	3.80	4.51	3.09	.33	17.15	106	.33	.94	2.07	2.36	2.01	1.26	11.69
Big Delta	.02	1.72	3.74	5.98	2.74	.14	16.71	51	.24	.92	2.38	2.37	1.95	1.10	11.12
Clearwater	.20	2.40	3.80	5.30	3.00	1.00	17.73	69	.40	1.26	2.60	2.43	2.39	1.32	15.52
MATANUSKA VALLEY															
Anchorage	.93	.92	1.05	1.11	3.21	2.59	14.88	67	.66	.57	1.08	1.97	2.11	2.45	16.23
PMC-Butte	.97	.29	1.74	1.60	2.51	2.13	15.88	61	.65	.53	1.40	2.57	1.52	2.24	18.12
Palmer AES	.89	.31	1.48	1.92	2.47	1.96	13.88	68	.68	.68	1.40	2.22	2.28	2.32	16.09
Mat. Exp. Sta.	.80	.84	1.78	2.76	2.46	1.83	13.97	53	.63	.74	1.59	2.50	2.38	2.33	15.63
Wasilla 3S	.81	.89	1.72	2.27	2.40	.80	14.91	43	.83	.52	1.83	2.51	1.39	3.36	16.73
Talkeetna	.94	1.40	1.40	3.06	6.63	1.73	23.08	122	1.32	1.39	2.50	3.37	4.26	3.97	27.39
KENAI PENINSULA															
Homer Arpt.	1.59	.42	.87	1.02	4.17	3.86	24.17	54	1.31	1.07	1.05	1.47	2.36	2.86	23.75
Kasilof	1.90	.40	.85	1.08	3.54	1.31	11.50	20	1.02	.76	1.23	1.57	1.56	3.65	18.38
Sterling	.44	1.70	.98	1.25	2.94	1.91	14.57	32	.81	1.05	.16	1.45	1.98	1.96	15.09
OTHER AREAS															
Kodiak	6.27	4.90	5.15	3.04	1.39	8.37	68.55	78	4.84	7.73	3.37	3.91	5.21	7.60	74.24
Nome	.87	.45	.80	3.30	4.45	1.58	14.92	46	.64	.54	1.19	2.20	3.11	2.34	14.77
McGrath	.20	1.43	1.24	2.11	2.28	.57	15.38	116	.79	.72	.60	2.06	2.74	2.04	15.30
Juneau Arpt.	2.11	1.84	4.17	6.92	6.26	3.39	57.68	76	2.92	3.41	2.98	4.13	5.02	6.40	53.15
Haines	.80	.70	1.37	1.41	2.55	5.03	45.76	132	2.06	2.12	1.02	1.59	1.48	4.68	52.00
Kenny Lake	.01	.06	1.19	3.18	1.93	.13	10.95	59	.31	.12	1.42	2.96	1.64	2.50	10.59

ALASKA 1984 TEMPERATURE DATA BY AREA

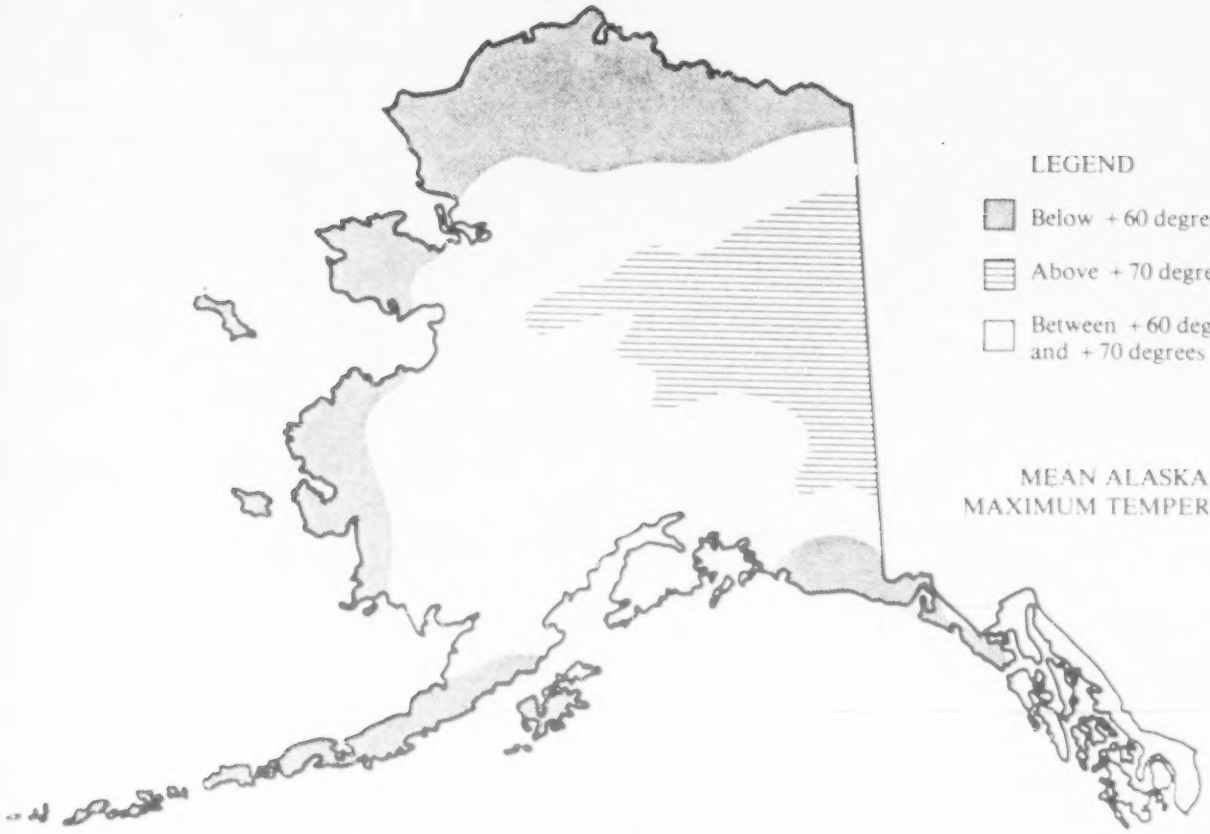
STATION	HIGH/LOW FOR					AVERAGE FOR					DATE OF LAST SPRING MININUM OF		DATE OF FIRST FALL MINIMUM OF		DAYS IN GS
	YEAR	JAN	APR	JUL	SEP	YEAR	JAN	APR	JUL	SEP	≤32°	≤40°	≤40°	≤32°	≤32°
TANANA VALLEY															
Fairbanks Arpt.	84/-46	39/-46	62/3	84/46	66/29	27	-6	30	61	47	5/13	5/30	8/13	8/28	107
Univ Exp Sta	83/-47	42/-47	65/-2	83/41	69/26	28	-6	31	62	46	5/29	6/05	8/12	8/24	87
Salcha	80/-48	45/-48	63/-8	80/40	68/23	27	-4	29	59	45	5/29	6/05	8/12	8/12	74
Big Delta	76/-44	44/-44	60/7	75/45	63/24	27	-1	31	58	46	5/18	6/05	8/12	8/26	100
Clearwater	80/-48	45/-48	63/-8	80/38	67/25	26	-7	31	58	45	5/18	6/05	8/12	8/26	100
MATANUSKA VALLEY															
Anchorage	76/-18	44/-18	58/22	76/49	64/32	38	19	39	61	49	5/07	5/31	8/27	8/28	113
PMC-Butte	77/-34	48/-34	58/20	77/41	68/26	36	14	38	57	48	6/06	6/20	8/12	8/28	83
Palmer AES	75/-24	49/-24	56/22	75/45	65/31	37	15	37	57	50	5/12	6/07	8/27	8/28	108
Mat Exp Sta	75/-25	48/-25	57/19	75/44	66/27	36	15	37	57	48	5/28	6/20	8/27	8/27	91
Wasilla 3S	78/-28	48/-28	58/18	78/45	66/27	37	16	38	59	49	5/28	6/28	8/13	8/27	91
Talkeetna	79/-38	37/-38	55/14	79/41	69/24	35	11	35	58	49	5/28	6/14	8/26	8/27	91
KENAI PENINSULA															
Homer Arpt.	66/-2	43/-2	50/22	66/44	62/34	40	27	37	55	49	5/07	7/01	8/27	10/14	160
Kasilof	67/-22	40/-22	49/12	67/33	64/26	34	17	33	53	46	6/28	6/28	7/27	8/27	60
Sterling	76/-28	39/-28	52/14	76/35	67/26	35	14	34	53	48	6/28	7/27	8/12	8/26	59
OTHER AREAS															
Kodiak	78/-2	48/6	50/19	78/42	65/35	42	33	37	56	51	5/06	6/19	8/28	10/03	150
Nome	80/-39	32/-33	39/-18	71/38	66/28	26	2	12	51	45	6/01	7/10	8/05	8/19	110
McGrath	80/-53	36/-53	54/-17	77/42	66/21	25	-8	21	58	44	5/31	7/04	8/09	8/20	81
Juneau Arpt.	79/14	44/15	60/29	79/42	65/33	43	32	43	56	50	5/05	5/30	9/21	10/16	134
Haines	83/-2	44/-2	61/26	82/46	68/29	40	29	43	56	49	5/06	5/29	8/28	9/23	140
Kenny Lake	79/-48	46/-48	55/11	76/38	64/16	29	4	35	55	43	6/18	7/16	8/13	8/13	87

ALASKA HISTORICAL TEMPERATURE DATA BY AREA

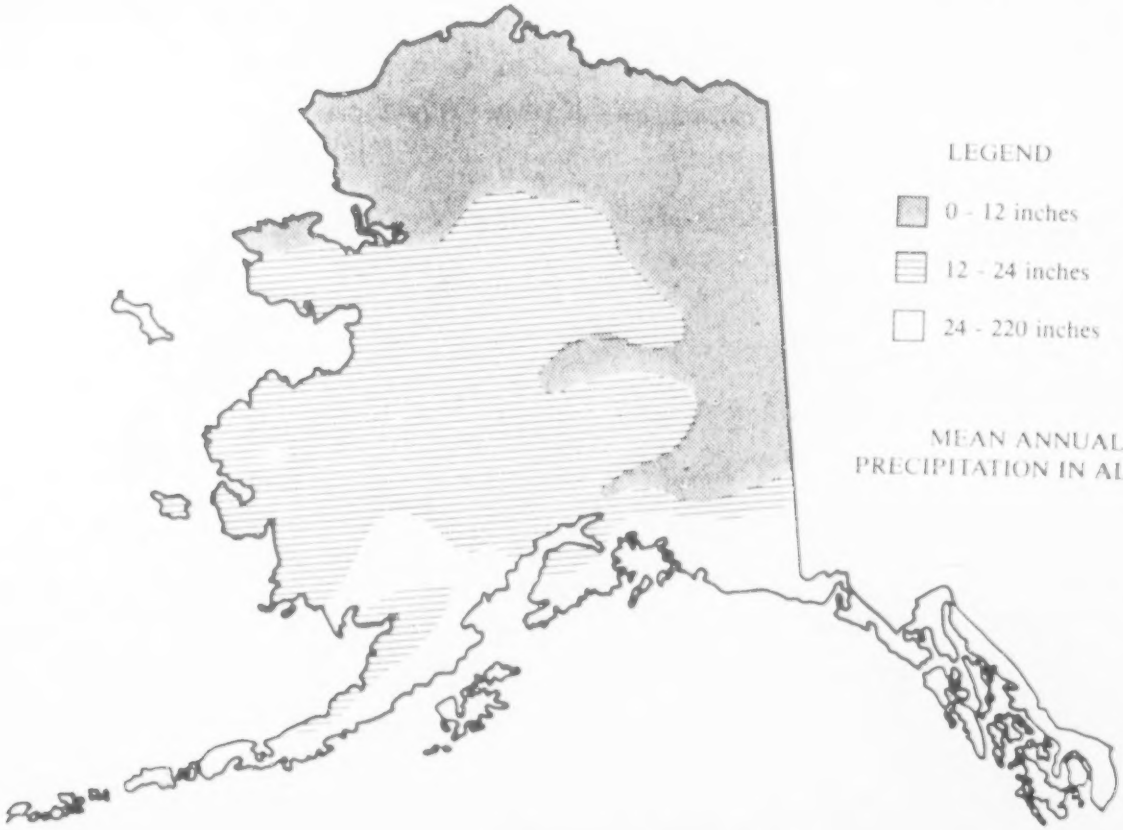
STATION	RECORD HIGH/LOW FOR YEAR	JAN	APR	JUL	SEP	AVERAGE FOR YEAR	JAN	APR	JUL	SEP	GROWING SEASON AVG. NO. FROST FREE DAYS 32°	ELEVATION IN FEET
TANANA VALLEY												
Fairbanks Arpt.	96/-66	50/-6[illegible]	74/-49	93/34	84/10	31	-10	30	62	44	114	436
Univ. Exp. Sta.	99/-65	47/-65	76/-32	99/29	85/6	29	-9	30	60	45	93	475
Salcha	91/-64	49/-64	76/-19	91/33	74/18	28	-12	34	61	45	108	675
Big Delta	92/-63	48/-63	76/-37	91/35	79/2	27	-8	31	60	44	93	1268
Clearwater	93/-72	48/-72	74/-32	90/28	74/13	27	-9	35	59	43	56	1000
MATANUSKA VALLEY												
Anchorage	86/-38	56/-35	65/-21	83/35	73/19	39	13	35	58	48	140	114
PMC-Butte	85/-42	51/-40	72/-10	85/36	71/17	35	10	39	59	43	101	225
Palmer AES	90/-35	51/-35	69/-17	85/37	72/17	40	11	36	57	47	124	150
Mat. Exp. Sta.	91/-41	51/-40	68/-16	85/31	75/16	38	11	37	58	48	114	50
Wasilla 3S	90/-38	52/-38	68/-8	87/37	76/17	38	16	39	60	45	111	345
Talkeetna	91/-48	45/-48	69/-37	90/26	78/11	37	8	33	58	46	103	67
KENAI PENINSULA												
Homer Arpt.	81/-17	49/-17	60/-7	78/37	66/24	44	21	35	53	46	140	89
Kasilof	87/-45	48/-45	63/-14	83/27	72/15	35	11	35	55	47	59	70
Sterling	87/-40	44/-38	65/-8	87/30	70/9	35	14	37	55	42	75	325
OTHER AREAS												
Kodiak	86/-8	54/-8	62/-7	80/38	72/26	48	32	38	54	50	156	111
Nome	86/-47	46/-47	60/-30	86/31	67/15	35	6	18	50	42	82	13
McGrath	90/-64	54/-64	67/-31	89/33	76/6	27	-10	26	58	44	107	344
Juneau Arpt.	90/-22	57/-20	71/6	90/36	72/26	43	22	39	57	49	134	12
Haines	98/-17	53/-11	74/16	98/35	76/24	41	24	44	59	48	150	31
Kenny Lake	88/-57	44/-57	68/-10	88/30	70/-1	28	-8	35	56	40	71	1320

ALASKA SEASON GROWING DEGREE DAYS (Base 40°F)

STATION	MAY		JUN		JUL		AUG		SEP		TOTAL	
	1984	AVG.	1984	AVG.	1984	AVG.	1984	AVG.	1984	AVG.	1984	AVG.
TANANA VALLEY												
Fairbanks Arpt.	217	248	660	570	651	682	434	527	210	120	2172	2147
Univ. Exp. Sta.	279	217	660	540	660	620	434	496	180	150	2213	2023
Salcha	155	248	570	510	589	620	403	403	210	120	1927	1901
Big Delta	186	217	510	510	558	651	372	496	180	0	1806	1874
Clearwater	155	223	570	460	558	589	403	466	210	0	1896	1858
MATANUSKA VALLEY												
Anchorage	124	186	330	420	651	558	527	496	270	240	1902	1900
PMC-Butte	186	186	450	450	527	527	465	465	240	210	1868	1838
Palmer AES	217	186	450	420	527	558	465	496	300	240	1959	1900
Mat. Exp. Sta.	186	217	420	450	527	620	465	496	240	150	1838	1933
Wasilla 3S	217	217	480	480	589	558	527	527	270	180	2083	1962
Talkeetna	186	186	480	450	558	589	465	465	270	90	1959	1780
KENAI PENINSULA												
Homer Arpt.	124	62	360	270	465	403	465	403	270	180	1684	1318
Kasilof	0	93	270	270	403	465	372	434	180	210	1225	1472
Sterling	93	93	330	330	403	465	434	434	240	60	1500	1382
OTHER AREAS												
Kodiak	124	93	330	300	496	434	558	465	330	300	1838	1592
Nome	0	0	300	150	341	310	155	310	150	60	946	830
McGrath	0	155	510	450	558	558	372	434	120	120	1560	1717
Juneau Arpt.	279	217	420	390	496	527	465	434	300	270	1960	1838
Haines	341	341	450	450	496	589	527	527	270	240	2084	2147
Kenny Lake	124	124	390	390	465	496	403	403	90	30	1472	1443



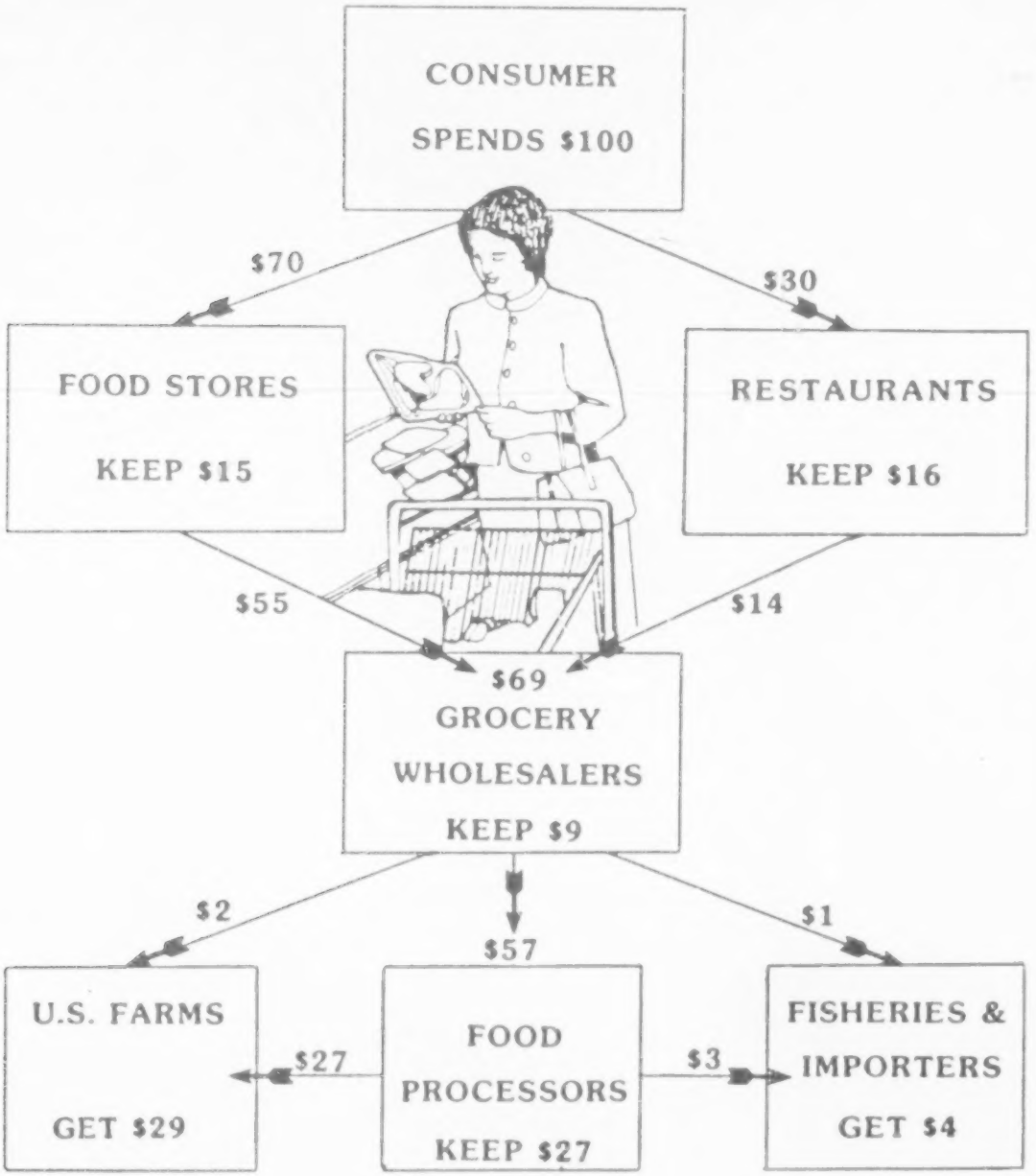
MEAN ALASKAN JULY MAXIMUM TEMPERATURES, °F



MEAN ANNUAL PRECIPITATION IN ALASKA

HERE'S WHAT HAPPENS TO

EVERY $100 YOU SPEND ON FOOD



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